

Experimental design: methods and applications An updated bibliography of books in English

Sanpei Kageyama

*Department of Mathematics, Faculty of School Education, Hiroshima University, Hiroshima 734,
Japan*

Received 16 July 1990

1. Scope

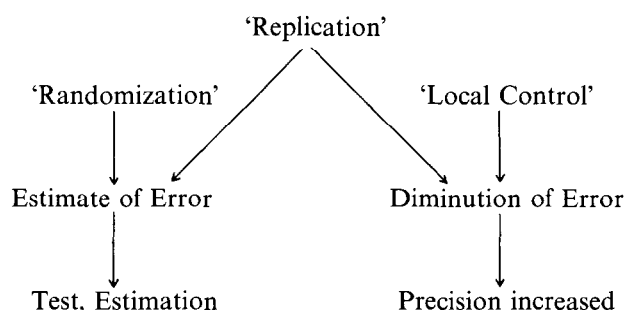
This provides a comprehensive listing of books, mainly in English, on the topic of experimental design relative to historical development, classification, construction, experimental layout, and statistical analysis. The books can be used as texts in courses and as references for research. It should be noted that most of the material presented in books places the emphasis on statistical analysis with little or nothing said about statistical design of an experiment. Construction and combinatorics of experimental design are entrenched as a branch of finite mathematics. Books in such areas are also listed. Published books presented at conferences on experimental design are also scanned. In addition, this list includes books and papers on experimental design presented in statistical conferences. Available textbooks with chapter(s) on experimental design are also mentioned. We have been selective, however, with conference-books and books in applications of design. An earlier version (1981) of our bibliography of books on experimental design listed 235 titles. The number of such books continues to grow, and the second version (1982) contained 396 titles. The present listing contains 625 titles.

2. Motivation

Experimental design (or the design of experiments) is a rapidly developing branch of mathematical statistics. The purpose of designing an experiment is to provide the

Correspondence to: Sanpei Kageyama, Department of Mathematics, Faculty of School Education, Hiroshima University, Hiroshima 734, Japan.

most efficient and economical methods of reaching valid and relevant conclusions from the experiment. The main principles of experimental design, as understood today, were developed by R.A. Fisher, F. Yates and their associates at the Rothamsted Experimental Station in England. 'Randomization', 'Replication' and 'Local Control' are the basic principles of experimental design. Fisher has pictured their relationship as follows:



The principles of confounding, orthogonality, and balancing have been enunciated by F. Yates and the partially balanced incomplete block design properties have been rigorously defined by R.C. Bose.

The terms 'experimental design' or 'the design of experiments' are used in many ways, forms and senses in statistical literature and also by practitioners and combinatorists. Publications on the various aspects of experimental design have become numerous, dispersed, and more frequent in recent years. Thus, searching the literature for papers and books on a specified topic has become a difficult task which can be considerably alleviated by a bibliography. It is, therefore, useful to gather together all the literature concerning experimental design. Some such bibliographies are given various perspectives by different authors. Most of those consist mainly of papers, for example, see Federer (1980, 1981). Since there are also a large number of books on experimental design, but no listing of such books, we have prepared the present bibliography.

3. Remarks

This listing of books is intended to include all books which deal comprehensively with experimental design or which concentrate on a related special topic. When there are various editions, we list the latest one and give the first edition in parenthesis at the end. A rough hierarchical classification system was used. The following abbreviations are used in this bibliography:

TA: Theory of Analysis and/or Applications

TB: Table

CM: Combinatorial Mathematics including Construction Methods.

Undoubtedly, there are books which have not come to the author's attention and some materials which have been inadvertently omitted. Readers are invited to send corrections or additions to the author.

References

- Kageyama, S. (1981). Experimental design methods and applications: Bibliography of books in English. Tech. Rep. 52, Statistical Research Group of Hiroshima University, Hiroshima.
- Kageyama, S. (1982). Experimental design methods and applications: An extended bibliography of books in English. Tech. Rep. 21, Stat/Math. Division, Indian Statistical Institute, Calcutta.
- Federer, W.T. (1980, 1981). Some recent results in experimental design with a bibliography – I, II, III. *Int. Statist. Rev.* 48 (1980), 357–368; *ibid* 49 (1981), 95–108, 185–197.

Bibliography

- Achen, C.H. (1987). *The Statistical Analysis of Quasi-Experiments*. Univ. of California Press.
- Addelman, S. and Kempthorne, O. (1961). *Orthogonal Main-Effect Plans*. ASTIA Arlington Hall Station, Arlington, Va. (TA)
- Adler, Yu.P., Markova, E.V. and Granovsky, Yu.V. (1975). *The Design of Experiments to Find Optimal Conditions: A Programmed Introduction to the Design of Experiments*. (Translated from the Russian by G. Leib). Mir Pub., Moscow. (TA)
- Afifi, A.A. and Azen, S.P. (1979). *Statistical Analysis: A Computer Oriented Approach*. Second Edition. Academic Press, New York. (First Edition, 1972). (TA)
- Agaian, S.S. (1985). *Hadamard Matrices and Their Applications*. Lecture Notes in Mathematics 1168. Springer-Verlag, New York. (CM)
- Aigner, D.J. and Morris, C.N. (editors) (1979). *Experimental Design in Econometrics*. Journal of Econometrics 11, Annals of Applied Econometrics 1979-2. A Supplement to the Journal of Econometrics. North-Holland, Amsterdam. (TA)
- Aigner, M. (editor) (1977). *Higher Combinatorics*. D. Reidel Pub., Dordrecht-Holland/Boston, USA. (CM)
- Aigner, M. (1979). *Combinatorial Theory*. Springer-Verlag, New York. (CM)
- Aigner, M. and Jungnickel, D. (editors) (1981). *Geometries and Groups*. Lecture Notes in Mathematics 893, Springer-Verlag, New York. (CM)
- Aitken, A.C. (1945). *Statistical Mathematics*. Fourth Edition. Oliver and Boyd, London. (First Edition, 1939). (TA)
- Albert, A.A. and Sandler, R. (1968). *An Introduction to Finite Projective Planes*. Holt, Rinehart and Winston, New York. (CM)
- Allen, D.M. and Cady, F.B. (1982). *Analyzing Experimental Data by Regression*. Belmont, California: Lifetime Learning Pub. (TA)
- Alspach, B., Hell, P. and Miller, D.J. (editors) (1978). *Algorithmic Aspects of Combinatorics*. North-Holland, Amsterdam. (CM)
- Amble, V.N. (1975). *Statistical Methods in Animal Sciences*. New Delhi: Indian Society of Agricultural Statistics. (TA)
- Anderson, A.J.B. (1989). *Interpreting Data. A First Course in Statistics*. Chapman and Hall, London. (TA)
- Anderson, I. (editor) (1985). *Surveys in Combinatorics 1985*. Proceedings of the 1985 British Combinatorial Conference. London Mathematical Society Lecture Note Series 103, Cambridge Univ. Press. (CM)
- Anderson, I. (1989). *A Finite Course in Combinatorial Mathematics*. Second Edition. Oxford Univ. Press, Great Britain. (First Edition, 1974). (CM)
- Anderson, I. (1989). *Combinatorial Designs. Construction Methods*. John Wiley, New York. (CM)

- Anderson, R.L. and Bancroft, T.A. (1952). *Statistical Theory in Research*. McGraw-Hill, New York. (TA)
- Anderson, S., Auquier, A., Hauck, W.W., Oakes, D., Vandaele, W. and Weisderg, H.I. (1980). *Statistical Methods for Comparative Studies: Techniques for Bias Reduction*. John Wiley, New York. (TA)
- Anderson, V.L. and McLean, R.A. (1974). *Design of Experiments: A Realistic Approach*. Marcel Dekker, New York. (TA)
- Arnold, S.F. (1980). *The Theory of Linear Models and Multivariate Analysis*. John Wiley, New York. (TA)
- Arthanari, T.S. and Dodge, Y. (1981). *Mathematical Programming in Statistics*. John Wiley, Chichester. (TA)
- Ausiello, G. and Lucertini, M. (1985). *Analysis and Design of Algorithms for Combinatorial Problems*. North-Holland Mathematics Studies 109 (Annals of Discrete Math. 25), North-Holland, Amsterdam. (CM)
- Avriel, M., Rijckaert, M.J. and Wilde, D.J. (editors) (1973). *Optimization and Design*. Prentice-Hall, New Jersey. (CM)
- Bailar III, J.C. and Mosteller, F. (editors) (1986). *Medical Uses of Statistics*. NEJM Books, Waltham, Mass. (TA)
- Bailey, N.T.J. (1981). *Statistical Methods in Biology*. Second Edition. Hodder and Stoughton, London. (First Edition, 1959). (TA)
- Baird, D.C. (1988). *Experimentation: An Introduction to Measurement Theory and Experiment Design*. Prentice Hall, Englewood Cliffs, N.J.
- Bajpai, A.C., Calus, I.M. and Fairley, J.A. (1978). *Statistical Methods for Engineers and Scientists: A Students' Course Book*. John Wiley, New York. (TA)
- Bajpai, A.C., Mustoe, L.R. and Walker, D. (1980). *Specialist Techniques in Engineering Mathematics*. John Wiley, New York. (TA)
- Balaam, L.N. (1972). *Fundamentals of Biometry*. George Allen and Unwin, London. (TA)
- Ball, W.W.R. and Coxeter, H.S.M. (1987). *Mathematical Recreations and Essays*. Thirteenth Edition. Dover. (First Edition, 1922, by Macmillan, London). (CM)
- Bancroft, T.A. (editor) (1972). *Statistical Papers in honor of G.W. Snedecor*. Iowa State Univ. Press, Ames, Iowa. (TA)
- Bancroft, T.A. and Han, C.P. (1981). *Statistical Theory and Inference in Research*. Marcel Dekker, New York. (TA)
- Banerjee, K.S. (1975). *Weighing Designs: For Chemistry, Medicine, Economics, Operations Research, Statistics*. Marcel Dekker, New York. (TA)
- Bannai, E. and Ito, T. (1984). *Algebraic Combinatorics I: Association Schemes*. Benjamin/Cummings Pub., Menlo Park, Calif. (CM)
- Bari, R.A. and Harary, F. (editors) (1974). *Graphs and Combinatorics*. Lecture Notes in Mathematics 406, Springer-Verlag, New York. (CM)
- Barker, H.R. and Baker, B.M. (1984). *Multivariate Analysis of Variance (MANOVA) – A Practical Guide to Its Use in Scientific Decision Making –*. Univ. of Alabama Press, USA. (TA)

- Barker, T.B. (1990). *Engineering Quality by Design: Interpreting the Taguchi Approach*. Statistics: Textbooks and Monographs Vol. 113. Marcel Dekker, New York. (TA)
- Barker, T.B. (1985). *Quality by Experimental Design*. Fifth Printing. Quality and Reliability Series 4, Marcel Dekker, New York. (TA)
- Barlotti, A. (editor) (1973). *Finite Geometric Structures and Their Applications*. Edizioni Cremonese, Roma. (CM)
- Barlotti, A. (editor) (1982). *Combinatorial and Geometric Structures and Their Applications*. Mathematics Studies 63 (Annals of Discrete Math. 14), North-Holland, Amsterdam. (CM)
- Barlotti, A., Ceccherini, P.V. and Tallini, G. (editors) (1981). *Combinatorics '81*. Mathematics Studies 78 (Annals of Discrete Math. 18), North-Holland, Amsterdam. (CM)
- Barlotti, A., Biliotti, M., Cossu, A., Korchmaros, G. and Tallini, G. (1986). *Combinatorics '84*. North-Holland Mathematics Studies 123 (Annals of Discrete Math. 30), North-Holland, Amsterdam. (CM)
- Barlotti, A., Marchi, M. and Tallini, G. (1988). *Combinatorics '86*. Annals of Discrete Math. 37, North-Holland, Amsterdam. (CM)
- Barnett, V. and Lewis, T. (1984). *Outliers in Statistical Data*. Second Edition. John Wiley, New York. (First Edition, 1978). (TA)
- Barra, J.R. (1981). *Mathematical Basis of Statistics*. (Translation edited by Leon Herbach). Academic Press, New York. (TA)
- Barra, J.R., Brodeau, F., Romier, G. and van Cutsem, B. (1977). *Recent Developments in Statistics*. North-Holland, Amsterdam. (TA)
- Bartoszynski, A. (editor) (1980). *Contributions in Statistics*. Banach Center of Mathematics, Warsaw, Poland. (TA)
- Basilevsky, A. and Orlando, D.H. (1984). *Experimental Social Problems and Analytic Methods. An Evaluation of the U.S. Income Maintenance Projects*. Academic Press, New York. (TA)
- Baten, W.D. (1939). *Formulas for Finding Estimates for Two and Three Missing Plots in Randomized Layouts*. Tech. Bull. Mich. Agr. Exp. Sta. No. 165. (TA)
- Baumert, L.D. (1971). *Cyclic Difference Sets*. Lecture Notes in Mathematics 182, Springer-Verlag, New York. (CM)
- Beckenbach, E.F. (editor) (1964). *Applied Combinatorial Mathematics*. John Wiley, New York. (CM)
- Bellman, R. and Hall, M., Jr. (editors) (1960). *Combinatorial Analysis*. American Mathematical Society, Providence, Rhode Island. (CM)
- Bennett, C.A. and Franklin, N.L. (1954). *Statistical Analysis in Chemistry and the Chemical Industry*. John Wiley, New York. (TA)
- Berge, C. and Ray-Chaudhuri, D. (editors) (1974). *Hypergraph Seminar*. Lecture Notes in Mathematics 411, Springer-Verlag, New York. (CM)
- Berge, C., Bresson, D., Camion, P., Maurras, J.F. and Sterboul, F. (editors) (1983). *Combinatorial Mathematics*. Mathematics Studies 75 (Annals of Discrete Math. 17), North-Holland, Amsterdam. (CM)

- Berman, G. and Fryer, K.D. (1972). *Introduction to Combinatorics*. Academic Press, New York. (CM)
- Beth, T., Jungnickel, D. and Lenz, H. (1985). *Design Theory*. Bibliographisches Institut, Mannheim-Wien-Zurich (Cambridge Univ. Press, 1986; Reprinted 1992). (CM)
- Bhattacharyya, G.K. and Johnson, R.A. (1977). *Statistical Concepts and Methods*. John Wiley, New York. (TA)
- Biggs, N.L. (1971). *Finite Groups of Automorphisms*. London Mathematical Society Lecture Notes 6, Cambridge Univ. Press. (CM)
- Biggs, N.L. and White, A.T. (editors) (1979). *Permutation Groups and Combinatorial Structures*. London Mathematical Society Lecture Notes 33, Cambridge Univ. Press. (CM)
- Biles, W.E. and Swain, J.J. (1980). *Optimization and Industrial Experimentation*. John Wiley, New York.
- Billington, E.J., Oates-Williams, S. and Street, A.P. (editors) (1982). *Combinatorial Mathematics IX*. Lecture Notes in Mathematics 952, Springer-Verlag, New York. (CM)
- Binet, F.E., LesLie, R.T., Weiner, S. and Anderson, R.L. (1955). *Analysis of Confounded Factorial Experiments in Single Replications*. North Carolina Agric. Exp. Station, Techn. Bull. 113. (TA)
- Blake, I.F. and Mullin, R.C. (1975). *The Mathematical Theory of Coding*. Academic Press, New York. (CM)
- Blake, I.F. and Mullin, R.C. (1976). *An Introduction to Algebraic and Combinatorial Coding Theory*. Academic Press, New York. (CM)
- Bliss, C.I. (1967). *Statistics in Biology: Vol I, Vol. II* (1970). McGraw-Hill, New York. (TA)
- Bock, R.D. (1975). *Multivariate Statistical Methods*. McGraw-Hill, New York. (TA)
- Bock, R.D. and Jones, L.V. (1968). *The Measurement and Prediction of Judgement and Choice*. Holden-Day, San Francisco. (TA)
- Bofinger, V.J. and Wheeler, J.L. (editors) (1975). *Developments in Field Design and Analysis*. Alden, Oxford. (TA)
- Bogart, K.P. (1983). *Introductory Combinatorics*. Pitman Pub. (CM)
- Bollobas, B. (editor) (1979). *Surveys in Combinatorics; Proceedings of the Seventh British Combinatorial Conference*. Cambridge Univ. Press, New York. (CM)
- Bomze, I.M. (1990). *A Functional Analytic Approach to Statistical Experiments*. Pitman Research Notes in Math. Vol. 237, Longman.
- Book, S.A. (1977). *Statistics: Basic Techniques for Solving Applied Problems*. McGraw-Hill, New York. (TA)
- Book, S.A. (1978). *Essentials of Statistics*. McGraw-Hill, New York. (TA)
- Bose, R.C. (1966). *Quadrics, Hermitian Varieties and Bounds on Error Correcting Codes*. Mimeograph of Research and Training School, Indian Statistical Institute, Calcutta. (CM)

- Bose, R.C. (1968). Some Recent Advances in Coding Theory. Summer Course (Advanced) for Statisticians. Publication No. SM 68-1, Indian Statistical Institute, Calcutta. (CM)
- Bose, R.C., Clatworthy, W.H. and Shrikhande, S.S. (1954). Tables of Partially Balanced Designs with Two Associate Classes. North Carolina Agric. Exp. Station Tech. Bull. 107. (TB)
- Bose, R.C. and Dowling, T.A. (editors) (1969). Combinatorial Mathematics and Its Applications. Univ. of North Carolina Press, Chapel Hill. (CM)
- Bose, R.C., Chakravarti, I.M., Dowling, T.A., Kelly, D.G. and Smith, K.J.C. (editors) (1970). Proceedings of the Second Chapel Hill Conference on Combinatorial Mathematics and Its Applications. Univ. of North Carolina Press, Chapel Hill. (CM)
- Bose, R.C., Chakravarti, I.M., Mahalanobis, P.C., Rao, C.R. and Smith, K.J.C. (editors) (1970). Essays in Probability and Statistics. Univ. of North Carolina Press, Chapel Hill. (TA)
- Bose, R.C. and Manvel, B. (1984). Introduction to Combinatorial Theory. John Wiley, New York. (CM)
- Bowker, A.H. and Lieberman, G.J. (1972). Engineering Statistics. Second Edition. Prentice-Hall, New Jersey. (First Edition, 1959). (TA)
- Bowman, A.W. and Robinson, D.R. (1990). Introduction to Regression and Analysis of Variance. A. Hilger.
- Box, G.E.P. and Draper, N.R. (1969). Evolutionary Operation. John Wiley, New York. (TA)
- Box, G.E.P. and Draper, N.R. (1987). Empirical Model-Building and Response Surfaces. John Wiley, New York. (TA)
- Box, G.E.P., Hunter, W.G. and Hunter, J.S. (1978). Statistics for Experiments: An Introduction to Design, Data Analysis, and Model Building. John Wiley, New York. (TA)
- Box, G.E.P., Leonard, T. and Wu, C.F. (editors) (1983). Scientific Inference, Data Analysis, and Robustness. Academic Press, New York. (TA)
- Box, J.F. (1978). R.A. Fisher, the Life of a Scientist. John Wiley, New York.
- Braverman, J.D. (1978). Fundamentals of Business Statistics. Academic Press, New York. (TA)
- Braverman, J.D. (1979). Instructor's Manual for Fundamentals of Business Statistics. Academic Press, New York. (TA)
- Braverman, J.D. (1980). Student Solutions Manual for Fundamentals of Business Statistics. Academic Press, New York. (TA)
- Brite, R.L. (1980). Business Statistics. Addison-Wesley. (TA)
- Brook, R.J. and Arnold, G.C. (1985). Applied Regression Analysis and Experimental Design. Statistics: Texts and Monographs 62, Marcel Dekker, New York. (TA)
- Brown, L.D., Olkin, I., Sacks, J. and Wynn, H.P. (editors) (1985). Jack Carl Kiefer Collected Papers III, Design of Experiments. Springer-Verlag, New York.
- Brown, S.R. and Melamed, L.E. (1990). Experimental Design and Analysis. Sage Pub., Newbury Park, Calif.

- Brownlee, K.A. (1957). *Industrial Experimentation*. Fourth Edition Reprinted. London Her Majesty's Stationery Office. (First Edition, 1946). (TA)
- Brownlee, K.A. (1965). *Statistical Theory and Methodology: In Science and Engineering*. Second Edition. John Wiley, New York. (First Edition, 1960). (TA)
- Brualdi, R.A. (1991). *Introductory Combinatorics*. Second Edition. 4th quat., North-Holland, Amsterdam. (First Edition, 1977). (CM)
- Brunden, M.N., Vidmar, T.J. and McKean, J.W. (1988). *Drug Interaction and Lethality Analysis*. CRC Press, Boca Raton, Fla. (TA)
- Buncher, C.R. and Tsay, J.Y. (1981). *Statistics in the Pharmaceutical Industry*, Second Printing. *Statistics: Texts and Monographs* 36, Marcel Dekker, New York. (TA)
- Burdette, W.J. and Gehan, E.A. (1970). *Planning and Analysis of Clinical Studies*. Thomas, Springfield, IL. (TA)
- Burington, R.S. and May, D.C., Jr. (1970). *Handbook of Probability and Statistics with Tables*. Second Edition. McGraw-Hill, New York.
- Burr, I.W. (1974). *Applied Statistical Methods*. Academic Press, New York. (TA)
- Bury, K.V. (1975). *Statistical Models in Applied Science*. John Wiley, New York. (TA)
- Butz, L. (1982). *Connectivity in Multi-factor Designs: A Combinatorial Approach*. *Res. & Educ. in Mathematics* 3, Heldermann Verlag, Berlin. (CM)
- Calínski, T. and Klonecki, W. (editors) (1984). *Linear Statistical Inference*. *Lecture Notes in Statistics* 35, Springer-Verlag. (TA:CM)
- Cameron, P.J. (1976). *Parallelisms of Complete Designs*. *London Mathematical Society Note Series* 23, Cambridge Univ. Press. (CM)
- Cameron, P.J. (editor) (1977). *Combinatorial Surveys: Proceedings of the Sixth British Combinatorial Conference*. Academic Press, New York. (CM)
- Cameron, P.J. and van Lint, J.H. (1975). *Graph Theory, Coding Theory and Block Designs*. *London Mathematical Society Note Series* 19, Cambridge Univ. Press. (CM)
- Cameron, P.J. and van Lint, J.H. (1980). *Graphs, Codes and Designs*. *London Mathematical Society Note Series* 43, Cambridge Univ. Press. (CM)
- Cameron, P.J. and van Lint, J.H. (1991). *Designs, Graph, Codes and Their Links*. *London Math. Soc. Student Texts*, No. 22, Cambridge Univ. Press. (CM)
- Cameron, P.J., Hirschfeld, J.W.P. and Hughes, D.R. (editors) (1981). *Finite Geometries and Designs*. *London Mathematical Society Note Series* 49, Cambridge Univ. Press. (CM)
- Camion, P. (1979). *Difference Sets in Elementary Abelian Groups*. *Seminaire de Math.* No. 66, Montreal Univ. Press. (CM)
- Campbell, D.T. and Stanley, J.C. (1966). *Experimental and Quasi-Experimental Designs for Research*. Rand McNally, Chicago. (CM)
- Carmichael, R.D. (1956). *Introduction to the Theory of Groups of Finite Order*. Dover, New York. (CM)
- Casella, G. and Berger, R.L. (1990). *Statistical Inference*. Wadsworth, Pacific Grove, California. (TA)

- Casse, L.R.A. (editor) (1983). *Combinatorial Mathematics, X. Lecture Notes in Mathematics 1036*. Springer-Verlag, New York. (CM)
- Casse, L.R.A. and Wallis, W.D. (editors) (1976). *Combinatorial Mathematics IV. Lecture Notes in Mathematics 560*. Springer-Verlag, New York. (CM)
- Chakravarti, I.M., Laha, R.G. and Roy, J. (1967). *Handbook of Methods of Applied Statistics: Vol. I (Techniques of Computation, Descriptive Methods and Statistical Inference), Vol. II (Planning of Surveys and Experiments)*. John Wiley, New York. (TA)
- Chakrabarti, M.C. (1970). *Mathematics of Design and Analysis of Experiments*. Reprinted. Asia Pub. House, Bombay. (First Pub., 1962). (CM:TA)
- Chapin, F.S. (1974). *Experimental Designs in Sociological Research*. Second Printing. Greenwood. (First Printing, 1955; Harper and Brothers, New York). (TA)
- Chassan, J.B. (1967). *Research Designs in Clinical Psychology and Psychiatry*. Appleton-Century-Crofts, New York. (TA)
- Chatfield, C. (1978). *Statistics for Technology*. Second Edition. Chapman and Hall, London. (First Edition, 1970). (TA)
- Chatfield, C. and Collins, A.J. (1980). *Introduction to Multivariate Analysis*. Chapman and Hall, London. (TA)
- Chernoff, H. (1972). *Sequential Analysis and Optimal Design*. Society for Industrial and Applied Mathematics, England. (TA)
- Chew, V. (editor) (1958). *Experimental Designs in Industry*. John Wiley, New York. (TA)
- Christensen, R. (1987). *Plane Answers to Complex Questions. The Theory of Linear Models*. Springer-Verlag, New York. (TA)
- Churchman, C.W. (1948). *Theory of Experimental Inference*. Macmillan, New York. (TA)
- Clarke, G.M. (1980). *Statistics and Experimental Design*. Second Edition. Edward Arnold Ltd. (First Edition, 1969). (TA)
- Clatworthy, W.H. (1956). *Contributions on Partially Balanced Incomplete Block Designs with Two Associate Classes*. National Bureau of Standards Applied Mathematics Series 47, Washington, D.C. (TB)
- Clatworthy, W.H. (1973). *Tables of Two-Associate-Class Partially Balanced Designs*. National Bureau of Standards Applied Mathematics Series 63, Washington, D.C. (TB)
- Cochran, W.G. (1982). *Contributions to Statistics*. John Wiley, New York. (TA)
- Cochran, W.G. (1983). *Planning and Analysis of Observational Studies*. John Wiley, New York. (TA)
- Cochran, W.G. and Cox, G.M. (1992). *Experimental Designs*. Second Edition. John Wiley, New York. (First Edition, 1957). (TA)
- Colbourn, C.J. and Colbourn, M.J. (editors) (1985). *Algorithms in Combinatorial Design Theory*. North-Holland Mathematics Studies 114 (Annals of Discrete Math. 26), North-Holland, Amsterdam. (CM)

- Colbourn, C.J. and Mathon, R. (1987). *Combinatorial Design Theory*. North-Holland Mathematics Studies 149 (Annals of Discrete Math. 34), North-Holland, Amsterdam. (CM)
- Collier, R.O. and Elam, S.M. (editors) (1961). *Research Design and Analysis: The Second Phi Delta Kappa symposium on educational research*. Bloomington, Ind.: Phi Delta Kappa. (TA)
- Collier, R.O. and Hummel, T.J. (editors) (1977). *Experimental Design and Interpretation*. McCutchan. (TA)
- Collyer, C.E. and Enns, J.T. (1986). *Analysis of Variance. The Basic Designs*. Nelson-Hall, Chicago. (TA)
- Connor, W.S. and Zelen, M. (1959). *Fractional Factorial Experiment Design for Factors at Three Levels*. National Bureau of Standards Applied Mathematics Series 54, Washington, D.C. (TB)
- Connor, W.S. and Young, S. (1961). *Fractional Factorial Designs for Experiments with Factors at Two and Three Levels*. National Bureau of Standards Applied Mathematics Series 58, Washington, D.C. (TB)
- Conrad, E.E. and Maul, T. (1981). *Introduction to Experimental Psychology*. John Wiley, New York. (TA)
- Conrad, S. (editor) (1989). *Assignments in Applied Statistics*. John Wiley, Chichester. (TA)
- Constantine, G.M. (1987). *Combinatorial Theory and Statistical Design*. John Wiley, New York. (CM)
- Cooper, B.E. (1969). *Statistics for Experimentalists*. Pergamon Press Headington Hill Hall, Oxford. (TA)
- Corneil, D. and Mathon, R. (editors) (1991). *Geometry and Combinatorics: Selected Papers of J.J. Seidel*. Academic Press, New York. (CM)
- Corneil, D. and Mendelsohn, E. (editors) (1975). *Congressus Numerantium XIII: Proceedings of the Conference on Algebraic Aspects of Combinatorics*. Utilitas Mathematica, Winnipeg. (CM)
- Cornell, J.A. (1990). *Experiments with Mixtures: Designs, Models and The Analysis of Mixture Data*. Second Edition. John Wiley, New York. (First Edition, 1980). (TA)
- Cox, C.P. (1987). *A Handbook of Introductory Statistical Methods*. John Wiley, New York. (TA)
- Cox, D.R. (1992). *Planning of Experiments*. Reprinted. John Wiley, New York. (First Edition, 1958) (TA)
- Cox, D.R. and Snell, E.J. (1981). *Applied Statistics: Principles and Examples*. Chapman and Hall, London, New York. (TA)
- Cramer, H. (1946). *Mathematical Methods of Statistics*. Princeton Univ. Press, pp. 536–556.
- Crow, E.L., Summers, P.W., Long, A.B., Knight, C.A., Foote, G.B. and Dye, J.E. (1976). *Final Report – National Hail Research Experiment Randomized Seeding Experiment 1972–74. Vol. I: Experimental Results and Overall Summary*. National Center for Atmospheric Research, 259 pp. (TA)

- Crowder, M.J. and Hand, D.J. (1990). *Analysis of Repeated Measures*. Chapman and Hall, London. (TA)
- Csörgö, M., Dawson, D.A., Rao, J.N.K. and Saleh, A.K.M.E. (editors) (1981). *Statistics and Related Topics*. North-Holland, Amsterdam. (TA)
- Cubitt, J.M. and Henley, S. (editors) (1978). *Statistical Analysis in Geology*. Academic Press, New York. (TA)
- Daniel, C. (1976). *Applications of Statistics to Industrial Experimentation*. John Wiley, New York. (TA)
- Daniel, W.W. (1987). *Biostatistics: A Foundation for Analysis in the Health Sciences*. Fourth Edition. John Wiley, New York. (Second Edition, 1978). (TA)
- Das, M.N. (1989). *Statistical Methods and Concepts*. John Wiley (Eastern), New York. (TA)
- Das, M.N. and Giri, N.C. (1988). *Design and Analysis of Experiments*. Second Edition (First Reprint). John Wiley Eastern, New Delhi. (First Edition, 1979). (TA)
- David, H.A. (1988). *The Method of Paired Comparisons*. Second Edition. Griffin's Statistical Monographs and Courses 12, Charles Griffin London, and Hafner, New York. (First Edition, 1963). (TA)
- David, H.A. (editor) (1978). *Contributions to Survey Sampling and Applied Statistics: Papers in honor of H.O. Hartley*. Academic Press, New York. (TA)
- Davies, O.L. (editor) (1979). *The Design and Analysis of Industrial Experiments*. Second Edition (reprinted). Oliver and Boyd, Edinburgh, and Hafner, New York. (First Edition, 1954). (TA)
- Davies, O.L. and Goldsmith, P.L. (editors) (1977). *Statistical Methods in Research and Production with special reference to Chemical Industry*. Fourth Revised Edition. Imperial Chemical Industries Ltd. by Longman Group Ltd., London. (First Edition, 1947 by Oliver and Boyd.). (TA)
- De Groot, M.H. (1970). *Optimal Statistical Decisions*. McGraw-Hill, New York. (TA)
- Dehnad, K. (editor) (1988). *Quality Control, Robust Design and the Taguchi Method*. (with a foreword by G. Taguchi). Chapman and Hall, London. (TA)
- Delsarte, P. (1973). *An Algebraic Approach to the Association Schemes of Coding Theory*. Philips Research Reports Supplements, No. 10. (CM)
- Dembowski, P. (1981). *Finite Geometries*. Second Edition with an additional bibliography and corrections by R.J. Bumcrot. Springer-Verlag, New York. (First Edition, 1968). (CM)
- Deming, S.N. and Morgan, S.L. (1987). *Experimental Design: A Chemometric Approach*. Elsevier, Amsterdam. (TA)
- Deming, W.E. (1990). *Sample Design in Business Research*. Reprint. John Wiley Classics Library.
- Denenberg, V.H. (1976). *Statistics and Experimental Design for Behavioral and Biological Researchers: An Introduction*. Halsted Press, New York. (TA)
- Dénes, J. and Keedwell, A.D. (1974). *Latin Squares and Their Applications*. Akadémiai Kiadó, Budapest; London: English Universities Press, New York: Academic Press. (CM)

- “New Developments in the Theory and Applications, *Annals of Discrete Math.* Vol. 46 (1991), North-Holland, Amsterdam.”
- Dewey, J. (1929). *The Quest for Certainty: A Study of the Relation of Knowledge and Action*. Minton Balch and Co., New York. (TA)
- Dey, A. (1985). *Orthogonal Fractional Factorial Designs*. Wiley Eastern, New Delhi. (TA)
- Dey, A. (1986). *Theory of Block Designs*. Wiley Eastern, New Delhi. (CM:TA)
- Deza, M. and Rosenberg, I.G. (editors) (1980). *Combinatorics 79, Part I*. North-Holland, Amsterdam. (CM)
- Diamond, W.J. (1989). *Practical Experimental Designs for Engineers and Scientists*. Second Edition. D. Van Nostrand Co., New York. (First Edition, 1981).
- Dixon, W.J. and Massey, F.J., Jr. (1983). *Introduction to Statistical Analysis*. Fourth Edition. McGraw-Hill, New York. (First Edition, 1951). (TA)
- Dobson, A.J. (1990). *An Introduction to Generalized Linear Models*. Chapman and Hall, London. (TA)
- Dodge, Y. (1985). *Analysis of Experiments with Missing Data*. John Wiley, New York. (TA)
- Dodge, Y., Fedorov, V.V. and Wynn, H.P. (editors) (1988). *Optimal Design and Analysis of Experiments*. North-Holland, Amsterdam. (TA:CM)
- Domschke, W. and Drexel, A. (1985). *Location and Layout Planning. An International Bibliography*. Springer-Verlag, Berlin.
- Dowdy, S. and Wearden, S. (1983). *Statistics for Research*. John Wiley, New York. (TA)
- Draper, N.R. and Smith, H. (1981). *Applied Regression Analysis*. Second Edition. John Wiley, New York. (First Edition, 1966). (TA)
- Driessen, L.H.M.E. (1978). *t-Designs, $t \geq 3$* . Technische Hogeschool Eindhoven, Onderafdeling der Wiskunde. (CM)
- Dugué, M.D. (editor) (1963). *Le Plan D'expériences*. (French). Centre National De La Recherche. Scientifique, Paris. (TA)
- Duncan, A.J. (1974). *Quality Control and Industrial Statistics*. Fourth Edition. Richard D. Irwin, Homewood, IL. (TA)
- Dunn, O.J. and Clark, V.A. (1974). *Applied Statistics: Analysis of Variance and Regression*. John Wiley, New York. (TA)
- Dyke, G.V. (1988). *Comparative Experiments with Field Crop*. Second Edition. Additional material by G.M.F. Grundy. Griffin, London. (First Edition, 1974 by Butterworths). (TA)
- Edgington, E.S. (1987). *Randomization Tests*. Second Edition. Marcel Dekker, New York. (First Edition, 1980). (TA)
- Edwards, A.L. (1968). *Experimental Design in Psychological Research*. Third Edition. Holt, Rinehart and Winston, New York. (First Edition, 1950). (TA)
- Edwards, A.L. (1985). *Multiple Regression and the Analysis of Variance and Covariance*. Second Edition. W.H. Freeman. (First Edition, 1979). (TA)

- Eisenhart, C., Hastay, M.W. and Wallis, W.A. (1947). *Selected Techniques of Statistical Analysis*. McGraw-Hill, New York. (TA)
- Emshoff, J.R. and Sisson, R.L. (1970). *Design and Use of Computer Simulation Models*. Macmillan, London. (TA)
- Enrick, N.L. (1983). *Experimentation and Statistical Validation*. Robert E. Krieger Pub., Florida. (TA)
- Enslein, K., Ralston, A. and Wilf, H.S. (editors) (1977). *Statistical Methods for Digital Computers*. John Wiley, New York. (TA)
- Erdős, P., Rényi, A. and Sós, V.T. (editors) (1970). *Combinatorial Theory and Its Applications I, II, III*. North-Holland, Amsterdam.
- Ermakov, S.M., Brodsky, V.Z., Zhiglavsky, A.A., Kozlov, V.P., Malutov, M.B., Melas, V.B., Sedunov, E.V. and Fedorov, V.V. (1983). *The Mathematical Theory of the Design of Experiments*. Nauka, Moscow.
- Federer, W.T. (1963). *Experimental Design: Theory and Application*. Second Printing. Macmillan, New York. (First Printing, 1955). (TA)
- Federer, W.T. (1973). *Statistics and Society: Data Collection and Interpretation*. Marcel Dekker, New York. (TA)
- Federer, W.T. (1974). *Statistics and Society: Supplement*. Marcel Dekker, New York. (TA)
- Federer, W.T. and Balaam, L.N. (1972). *Bibliography on Experiment and Treatment Design: Pre-1968*. Oliver and Boyd, Edinburgh for the International Statistical Institute. (TA:TB)
- Fedorov, V.V. (1972). *Theory of Optimal Experiments*. Academic Press, New York. (TA)
- Fienberg, S.E. and Hinkley, D.V. (editors) (1989). *R.A. Fisher: An Appreciation*. Second Printing. *Lecture Notes in Statistics 1*. Springer-Verlag, New York. (First Printing, 1980).
- Finney, D.J. (1955). *Experimental Design and Its Statistical Basis*. Univ. of Chicago Press, Chicago, IL. (TA)
- Finney, D.J. (1959). *The Economic Efficiency of Experimentation*. Mathematical Institute of the Hungarian Academy of Sciences. (TA)
- Finney, D.J. (1963). *An Introduction to the Theory of Experimental Design*. Third Printing. Univ. of Chicago Press, Chicago and London. (First Printing, 1955). (TA)
- Finney, D.J. (1968). *Statistics for Mathematicians: An Introduction*. Oliver and Boyd, Edinburgh and London. (TA)
- Finney, D.J. (1971). *Probit Analysis*. Third Edition. Cambridge Univ. Press. (First Edition, 1947).
- Finney, D.J. (1972). *An Introduction to Statistical Science in Agriculture*. Fourth Edition. Munksgaard, Copenhagen. (First Edition, 1953). (TA)
- Finney, D.J. (1978). *Statistical Method in Biological Assay*. Third Edition. Charles Griffin and Co. Ltd., London. (First Edition, 1952). (TA)

- Finney, D.J. (1980). *Statistics for Biologists*. Chapman and Hall, London and New York. (TA)
- Fisher, R.A. (1958). *Statistical Methods for Research Workers*. Thirteenth Edition. Hafner, New York. (First Edition, 1925). (TA)
- Fisher, R.A. (1966). *The Design of Experiments*. Eighth Edition. Oliver and Boyd, Edinburgh and London. (First Edition, 1935). (TA)
- Fisher, R.A. (1990). *Statistical Methods, Experimental Design, and Scientific Inference*. (ed. by J.H. Bennett and F. Yates). Oxford Univ. Press.
- Fisher, R.A. and Wishart, J. (1930). *The Arrangement of Field Experiments and the Statistical Reduction of the Results*. Imperial Bur. Soil Sci. Tech. Comm. No. 10. (TA)
- Fisher, R.A. and Yates, F. (1963). *Statistical Tables for Biological Agricultural and Medical Research*. Sixth Edition. Oliver and Boyd, Edinburgh, Great Britain and Hafner, New York. (First Edition, 1938 by Longman). (TB)
- Fisher, L. and McDonald, J. (1978). *Fixed Effects Analysis of Variance*. Academic Press, New York. (TA)
- Fleiss, J.L. (1986). *The Design and Analysis of Clinical Experiments*. John Wiley, New York. (TA)
- Florens, J.-P., Mouchart, M. and Rolin, J.-M. (1990). *Elements of Bayesian Statistics*. Dekker, New York. (TA)
- Folks, J.L. (1981). *Ideas of Statistics*. John Wiley, New York. (TA)
- Fox, J. (1984). *Linear Statistical Models and Related Methods: With Applications to Social Research*. John Wiley, New York. (TA)
- Fuji-Hara, R. (editor) (1986). *Combinatorics emphasized with Coding and Design Theory*. RIMS Kokyuroku 587, Kyoto Univ., Japan. (CM)
- Fuji-Hara, R. (editor) (1987). *Designs and Finite Geometries*. RIMS Kokyuroku 607, Kyoto Univ., Japan. (CM)
- Gacula, M.C., Jr. and Singh, J. (1984). *Statistical Methods in Food and Consumer Research*. Academic Press, London. (TA)
- Gage, N.L. (editor) (1963). *Handbook of Research on Teaching*. (Chapter 5). Rand McNally and Co., Chicago. (TA)
- Gaito, J. (1973). *Introduction to Analysis of Variance Procedures*. MSS Information Corporation, New York. (TA)
- Gani, J. (editor) (1982). *The Making of Statisticians*. Springer-Verlag, New York. (TA)
- Gani, J., Sarkadi, K. and Vincze, I. (editors) (1974). *Progress in Statistics*, Vol. II. North-Holland, Amsterdam. (TA)
- Geramita, A.V. and Seberry, J. (1978). *Orthogonal Designs: Quadratic Forms and Hadamard Matrices*. Marcel Dekker, New York. (CM)
- Ghosh, S. (editor) (1990). *Statistical Design and Analysis of Industrial Experiments*. Statistics Textbooks and Monographs Series 109, Marcel Dekker, New York. (TA:CM)

- Gibra, I.N. (1973). *Probability and Statistical Inference for Scientists and Engineers*. Prentice-Hall, New Jersey. (TA)
- Gilchrist, R. (editor) (1982). *GLIM 82: Proceedings of the International Conference on Generalized Linear Models*. Lecture Notes in Statistics 14. Springer-Verlag, New York. (TA)
- Gill, J.L. (1978). *Design and Analysis of Experiments in the Animal and Medical Sciences*. Volume 1, Volume 2, Volume 3 (appendices). Iowa State Univ. Press, Ames, Iowa. (TA)
- Gitlow, H.S. (1982). Stat. City. Homewood, IL: Richard D. Irwin.
- Glantz, S.A. and Slinker, B.K. (1990). *Primer of Regression and Analysis of Variance*. McGraw-Hill, New York. (TA)
- Glass, G.V., Willson, V.L. and Gottman, J.M. (1975). *Design and Analysis of Time-Series Experiments*. Colorado Associated Univ. Press, Boulder, Colorado. (TA)
- Goldstein, H. (1979). *The Design and Analysis of Longitudinal Studies: The Role in the Measurement of Change*. Academic Press, New York. (TA)
- Gomez, K.A. and Gomez, A.A. (1984). *Statistical Proceedings for Agricultural Research*. Second Edition. John Wiley, New York. (TA)
- Goodwin, G.C. and Payne, R.L. (1977). *Dynamic System Identification: Experiment Design and Data Analysis*. Academic Press, New York. (TA)
- Goon, A.M., Gupta, M.K. and Dasgupta, B. (1979). *Fundamentals of Statistics*. Vol. 1. Fifth Edition. Calcutta World Press. (First Edition, 1962). (TA)
- Gopalan, M.N. and Patwardhan, G.A. (editors) (1988). *Optimization, Design of Experiments and Graph Theory*. Proceedings of the Symposium on Optimization, Design of Experiments and Graph Theory, Indian Institute of Technology, Bombay, India. (CM)
- Gottschalk, G. and Kaiser, R.E. (1976). *Introduction to Analysis of Variance in Circular Design*. Zurich, Switzerland; Bibliographisches Inst. (TA)
- Goulden, C.H. (1952). *Methods of Statistical Analysis*. Second Edition. John Wiley, New York. Chapter 11, Experimental Designs. (First Edition, 1939). (TA)
- Graver, J.E. and Watkins, M.E. (1977). *Combinatorics with Emphasis on the Theory of Graphs*. Graduate Texts in Mathematics 54, Springer-Verlag, New York. (CM)
- Graybill, F.A. (1961). *An Introduction to Linear Statistical Models*. Vol. I. McGraw-Hill, New York. (TA)
- Graybill, F.A. (1976). *Theory and Application of the Linear Model*. Duxbury Press, Belmont, Calif. (TA)
- Green, J.R. and Margerison, D. (1978). *Statistical Treatment of Experimental Data*. First Revised Reprint. Elsevier Scientific Pub., Amsterdam. (First published, 1977). (TA)
- Guenther, W.C. (1964). *Analysis of Variance*. Prentice-Hall, Englewood Cliffs, New Jersey. (TA)
- Guenther, W.C. (1973). *Concepts of Statistical Inference*. Second Edition. McGraw-Hill, New York. (First Edition, 1965). (TA)

- Guilford, J.P. and Fruchter, B. (1977). *Fundamental Statistics in Psychology and Education*. Sixth Edition. McGraw-Hill, New York. (First Edition, 1950). (TA)
- Gupta, R.P. (editor) (1975). *Applied Statistics*. North-Holland/American Elsevier, Amsterdam/New York. (TA)
- Gupta, S. and Mukerjee, R. (1989). *A Calculus for Factorial Arrangements*. Springer-Verlag, New York. (TA)
- Gupta, S.S. and Moore, D.S. (editors) (1977). *Statistical Decision Theory and Related Topics II*. Academic Press, New York. (TA)
- Guttman, I. (1982). *Linear Models: An Introduction*. John Wiley, New York. (TA)
- Guttman, I., Wilks, S.S. and Hunter, J.S. (1982). *Introductory Engineering Statistics*. Third Edition. John Wiley, New York. (First Edition, 1965, by I. Guttman and S.S. Wilks). (TA)
- Guy, R., Sauer, N., Hanani, H. and Schönheim, J. (editors) (1970). *Combinatorial Structures and Their Applications*. Gordon and Breach, Science Pub., New York. (CM)
- Haaland, P.D. (1989). *Experimental Design in Biotechnology*. Statistics: Textbooks and Monographs Series 105, Marcel Dekker, New York. (TA)
- Haemers, W.H. (1980). *Eigenvalue Techniques in Design and Graph Theory*. Mathematical Centre Tracts 121, Mathematisch Centrum, Amsterdam. (CM)
- Hahn, G.J. and Shapiro, S.S. (1966). *Catalog and Computer Program for the Design and Analysis of Orthogonal Symmetric and Asymmetric Fractional Factorial Experiments*. Report No. 66-C-165, General Electric Research and Development Center, Schenectady, New York. (TA:TB)
- Hajnal, A., Lovász, L. and Sós, V.T. (editors) (1988). *Combinatorics*. Colloquia Mathematica Societatis János Bolyai, North-Holland, Amsterdam. (CM)
- Hajnal, A. and Sós, V.T. (editors) (1978). *Combinatorics*, Vols. I, II. János Bolyai Mathematical Society and North-Holland, Amsterdam, New York. (CM)
- Hald, A. (1952). *Statistical Theory with Engineering Applications*. John Wiley, New York. (TA)
- Hall, A.D. (1905). *The Book of the Rothamsted Experiments*. E.P. Dutton, New York.
- Hall, M., Jr. (1986). *Combinatorial Theory*. Second Edition. John Wiley, New York. (First Edition, 1967, by Blaisdell). (CM)
- Hall, M., Jr. and van Lint, J.H. (editors) (1975). *Combinatorics*. D. Reidel, Dordrecht-Holland/Boston, USA. (CM)
- Hamada, N. (editor) (1976). *Construction and Non-existence of Designs*. (Japanese). RIMS Kokyuroku 285, Kyoto Univ., Japan. (CM)
- Hamada, N. (editor) (1977). *Construction and Analysis of Designs*. (Japanese). RIMS Kokyuroku 311, Kyoto Univ., Japan. (TA:CM)
- Hand, D.J. and Taylor, C.C. (1985). *Analysis of Variance*. Chapman and Hall, GBR. (TA)

- Hand, D.J. and Taylor, C.C. (1987). *Multivariate Analysis of Variance and Repeated Measures*. Chapman and Hall, London. (TA)
- Hartman, A. (editor) (1989). *Combinatorial Designs; A Tribute to Haim Hanani*, *Annals of Discrete Math.* 42, North-Holland, Amsterdam. (CM)
- Hartnell, B.L. and Williams, H.C. (editors) (1976). *Congressus Numerantium XVI: Proceedings of the Fifth Manitoba Conference on Numerical Mathematics*. Utilitas Mathematica, Winnipeg, Canada. (CM)
- Harwit, M. and Sloane, N.J. (1979). *Hadamard Transform Optics*. Academic Press, New York. (CM)
- Hayes, H.K. and Garber, R.J. (1927). *Breeding Crop Plants*, McGraw-Hill, New York.
- Hayes, H.K. and Immer, F.R. (1942). *Methods of Plant Breeding*. McGraw-Hill, New York.
- Heady, E.O. and Dillon, J.L. (1961). *Agricultural Production Functions*. Iowa State Univ. Press, Ames, Iowa. Chapters 2–7, 14. (TA)
- Hedayat, A. (editor) (1978). *Optimal Design Theory*. *Commun. Statist. A – Theory Methods* 7, No. 14. Marcel Dekker, New York. (TA)
- Hedayat, A.S. and Sinha, B.K. (1991). *Design and Inference in Finite Population Sampling*. John Wiley, New York. (TA:CM)
- Heiberger, R.M. (1989). *Computation for the Analysis of Designed Experiments*. John Wiley, New York. (TA)
- Herman, C. (1972). *Sequential Analysis and Optimal Design*. Society for Industrial and Applied Mathematics, Philadelphia.
- Heyer, H. (1982). *Theory of Statistical Experiments*. Springer-Verlag, New York. (TA)
- Hicks, C.R. (1982). *Fundamental Concepts in the Design of Experiments*. Third Edition. Holt, Rinehart and Winston, New York. (First Edition, 1964). (TA)
- Hines, W.W. and Montgomery, D.C. (1981). *Probability and Statistics in Engineering and Management Science*. Second Edition. Ronald Press, New York. (First Edition, 1972). (TA)
- Hinkelmann, K. (editor) (1984). *Experimental Design, Statistical Models and Genetic Statistics; Essays in honor of Oscar Kempthorne*. *Statistics Textbooks and Monographs Series 50*. Marcel Dekker, New York. (TA)
- Hirschfeld, J.W.P. (1979). *Projective Geometries over Finite Fields*. Clarendon Press, Oxford. (CM)
- Hirschfeld, J.W.P., Hughes, D.R. and Thas, J.A. (editors) (1991). *Advances in Finite Geometries and Designs*. *Proc. of the 3rd Isle of Thorns Conference*, Oxford Univ. Press. (CM)
- Hoaglin, D.C., Mosteller, F. and Tukey, J.W. (editors) (1991). *Fundamentals of Exploratory Analysis of Variance*. John Wiley, New York. (TA)
- Hoblyn, T.N. (1931). *Field Experiments in Horticulture*. Imperial Bur. Fruit Production, Tech. Comm. No. 2.
- Hochberg, Y. and Tamhane, A.C. (1987). *Multiple Comparison Procedures*. John Wiley, New York.

- Hocking, R.R. (1985). *The Analysis of Linear Models*. Monterey, California: Brooks/Cole. (TA)
- Hoel, P.G. (1984). *Introduction to Mathematical Statistics*. Fifth Edition. John Wiley, New York. (First Edition, 1947). (TA)
- Hoel, P.G. (1976). *Elementary Statistics*. Fourth Edition. John Wiley, New York. (First Edition, 1960). (TA)
- Hoffman, F., Levow, R.B. and Thomas, R.S.D. (editors) (1972). *Congressus Numerantium VI: Proceedings of the Third Southeastern Conference on Combinatorics, Graph Theory and Computing*. Utilitas Mathematica, Winnipeg, Canada. (CM)
- Hoffman, F., Levow, R.B. and Thomas, R.S.D. (editors) (1973). *Congressus Numerantium VIII: Proceedings of the Fourth Southeastern Conference on Combinatorics, Graph Theory and Computing*. Utilitas Mathematica, Winnipeg, Canada. (CM)
- Hoffman, F., Kingsley, R.A., Levow, R.B., Mullin, R.C. and Thomas, R.S.D. (editors) (1974). *Congressus Numerantium X: Proceedings of the Fifth Southeastern Conference on Combinatorics, Graph Theory and Computing*. Utilitas Mathematica, Winnipeg, Canada. (CM)
- Hoffman, F., Mullin, R.C., Levow, R.B., Roselle, D., Stanton, R.G. and Thomas, R.S.D. (editors) (1975). *Congressus Numerantium XIV: Proceedings of the Sixth Southeastern Conference on Combinatorics, Graph Theory and Computing*. Utilitas Mathematica, Winnipeg, Canada. (CM)
- Hoffman, F., Lesniak, L., Mullin, R.C., Reid, K.B. and Stanton, R.G. (editors) (1976). *Congressus Numerantium XVII: Proceedings of the Seventh Southeastern Conference on Combinatorics, Graph Theory and Computing*. Utilitas Mathematica, Winnipeg, Canada. (CM)
- Hoffman, F., Reid, K.B., Mullin, R.C. and Stanton, R.G. (editors) (1982). *Congressus Numerantium 35, 36: Proceedings of the Thirteenth Southeastern Conference on Combinatorics, Graph Theory and Computing*. Utilitas Mathematica, Winnipeg, Canada. (CM)
- Hogg, R.V. (editor) (1978). *Studies in Statistics*. Studies in Mathematics 19, The Mathematical Association of America. (TA)
- Hogg, R.V. (editor) (1980). *Modern Statistics: Methods and Applications*. Proc. of Symp. in Appl. Math. 23, American Mathematical Society. (TA)
- Holman, L.J. (1938). *Simplified Statistics*. Sir Isaac Pitman and Sons, London.
- Holscher, H.H. (1971). *Simplified Statistical Analysis*. Cahnners Books, Division of Cahnners Pub. (TA)
- Holt, C.C., Modigliani, F., Muth, J.F. and Simon, H.A. (1960). *Planning Production, Inventory and Work Force*. Prentice-Hall, London. (TA)
- Holton, D.A. (editor) (1974). *Combinatorial Mathematics II*. Lecture Notes in Mathematics 403, Springer-Verlag, New York. (CM)
- Holton, D.A. and Seberry, J. (editors) (1978). *Combinatorial Mathematics*. Lecture Notes in Mathematics 686, Springer-Verlag, New York. (CM)
- Honeck, R.P., Kibler, C.T. and Sugar, J. (1983). *Experimental Design and Analysis. A Systematic Approach*. Univ. Press of America, Lanham. (TA)

- Horadam, A.F. and Wallis, W.D. (editors) (1979). *Combinatorial Mathematics VI. Lecture Notes in Mathematics 748*, Springer-Verlag, New York. (CM)
- Hsu, D.F. (1980). *Cyclic Neofields and Combinatorial Designs. Lecture Notes in Mathematics 824*, Springer-Verlag, New York. (CM)
- Huber, P.J. (1981). *Robust Statistics*. John Wiley, New York. (TA)
- Hughes, A. and Grawoig, D. (1971). *Statistics: A Foundation for Analysis*. Addison-Wesley Pub. (TA)
- Hughes, D.R. and Piper, F.C. (1982). *Projective Planes. Corrected Second Printing. Graduate Texts in Mathematics 6*, Springer-Verlag, New York. (First Edition, 1973). (CM)
- Hughes, D.R. and Piper, F.C. (1985). *Design Theory*. Cambridge Univ. Press, London. (CM)
- Huitson, A. (1971). *The Analysis of Variance: A Basic Course. Griffin's Statistical Monographs and Courses 18*, Charles Griffin, London. (TA)
- Ikeda, S., Hayakawa, T., Hudimoto, H., Okamoto, M., Siotani, M. and Yamamoto, S. (editors) (1976). *Essays in Probability and Statistics. A Volume in honor of Professor J. Ogawa*. Shinko Tsusho Co. Ltd., Tokyo, Japan. (TA:CM)
- Iman, R.L. and Conover, W.J. (1983). *A Modern Approach to Statistics*. John Wiley, New York. (TA)
- Iman, R.L. and Conover, W.J. (1989). *Modern Business Statistics. Second Edition*, John Wiley, New York.
- Iversen, G.R. and Norpoth, H. (1976). *Analysis of Variance. University Papers: Quantitative Applications in the Social Sciences, No. 1*. Sage Pub. (TA)
- Jackson, D.M. and Vanstone, S.A. (editors) (1984). *Enumeration and Design*. Academic Press, Canada. (CM)
- Jaech, J.L. (1985). *Statistical Analysis of Measurement Errors*. John Wiley, New York. (TA)
- Janssen, A. (1985). *Infinitely Divisible Statistical Experiments. Lecture Notes in Statistics 27*, Springer-Verlag.
- Jeffers, J.N.R. (1960). *Experimental Design and Analysis in Forest Research*. Almqvist and Wiksell, Stockholm. (TA)
- John, J.A. (1987). *Cyclic Designs*. Chapman and Hall, London. (TA)
- John, J.A. and Quenouille, M.H. (1977). *Experiments: Design and Analysis. Second Edition*. Charles Griffin, London and High Wycombe. (First Edition, 1953). (TA)
- John, J.A., Wolock, F. and David, H.A. (1972). *Cyclic Designs. National Bureau of Standards Applied Mathematics Series 62*, Washington, D.C. (TB)
- John, P.W.M. (1971). *Statistical Design and Analysis of Experiments*. Macmillan, New York. (TA)
- John, P.W.M. (1980). *Incomplete Block Designs. Lecture Notes in Statistics 1*, Marcel Dekker, New York. (TA:CM)
- Johnson, N.L. and Leone, F.C. (1977). *Statistics and Experimental Design in Engineering and the Physical Sciences. Vols. I and II. Second Edition*. John Wiley, New York. (First Edition, 1964). (TA)

- Johnston, J.F.W. (1849). *Experimental Agriculture, Being the Results of Past, and Suggestions for Future Experiments in Scientific and Practical Agriculture*. Edinburgh: Blackwood. (TA)
- Jones, B. and Kenward, M.G. (1989). *Design and Analysis of Cross-Over Trials*. Chapman and Hall, London. (TA)
- Joshi, D.D. (1987). *Linear Estimation and Design of Experiments*. John Wiley Eastern. (TA)
- Jungnickel, D. and Vedder, K. (editors) (1982). *Combinatorial Theory. Lecture Notes in Mathematics 969*. Springer-Verlag, New York. (CM)
- Kabe, D.G. and Shah, S.M. (1983). *An Introduction to Construction and Analysis of Statistical Designs*. Queen's Papers 64, Queen's Univ. Press. (TA:CM)
- Kageyama, S. (editor) (1980). *Theory of Experimental Layouts and Its Applications*. (Japanese). RIMS Kokyuroku 404, Kyoto Univ., Kyoto, Japan. (CM:TA)
- Kageyama, S. (editor) (1981). *Combinatorial Structures of Configurations*. (Japanese). RIMS Kokyuroku 429, Kyoto Univ., Kyoto, Japan. (CM)
- Kageyama, S. (editor) (1984). *Theoretical Background in Experimental Data Analysis*. (Japanese). RIMS Kokyuroku 526, Kyoto Univ., Kyoto, Japan. (TM:CM)
- Kallagher, M.J. (1982). *Affine Planes with Transitive Collineation Groups*. North-Holland, Amsterdam. (CM)
- Kallagher, M.J. and Ostrom, T.G. (editors) (1973). *The International Conference on Projective Planes*. Washington State Univ. Press. (CM)
- Kallianpur, G., Krishnaiah, P.R. and Ghosh, J.K. (editors) (1982). *Statistics and Probability*. North-Holland, Amsterdam. (TA)
- Kárteszi, F. (1976). *Introduction to Finite Geometries*. North-Holland, Amsterdam. (CM)
- Kempthorne, O. (1966). *The Design and Analysis of Experiments*. Fifth Printing. John Wiley, New York. (First Printing, 1952). (TA)
- Kempthorne, O. and Folks, L. (1971). *Probability, Statistics and Data Analysis*. Iowa State Univ. Press, Ames. (TA)
- Kendall, M.G. and Buckland, W.R. (1982). *Dictionary of Statistical Terms*. Fourth Edition. Published for the International Statistical Institute. Longman, GBR.
- Kendall, M.G. and Stuart, A. (1983). *The Advanced Theory of Statistics. Volume 3. Design and Analysis, and Time-Series*. Fourth Edition. Charles Griffin, London and High Wycombe. (First Edition, 1966). (TA)
- Kennedy, J.J. (1977). *An Introduction to the Design and Analysis of Experiments in Education and Psychology*. Univ. Press of America, Washington.
- Kennedy, J.J. and Bush, A.J. (1985). *An Introduction to the Design and Analysis of Experiments in Behavioral Research*. Univ. Press of America, Lanham, MD. (TA)
- Kenney, J.F. and Keeping, E.S. (1953). *Mathematics of Statistics, Part Two*. Second Edition Second Printing. D. Van Nostrand Co., New York. (First Edition, 1939). (TA)
- Keppel, G. (1980). *Introduction to Design and Analysis: A Student's Handbook*. W.H. Freeman. (TA)

- Keppel, G. (1982). *Design and Analysis: A Researcher's Handbook*. Second Edition. Prentice-Hall, New Jersey. (First Edition, 1973). (TA)
- Keppel, G. (1989). *Data Analysis for Research Designs*. W.H. Freeman, New York.
- Keppel, G. and Zedeck, S. (1989). *Analysis of Variance and Multiple Regression/Correlation Approaches*. W.H. Freeman, New York. (TA)
- Khuri, A.I. and Cornell, J.A. (1987). *Response Surfaces: Designs and Analyses*. Marcel Dekker, New York. (TA)
- Kiefer, J. (editor) (1980). *Jacob Wolfowitz Selected Papers*. Springer-Verlag, New York. (TA)
- Kirk, R.E. (1982). *Experimental Design: Procedures for the Behavioral Sciences*. Second Edition. Brooks/Cole, Belmont, California (First Printing, 1968). (TA)
- Kish, L. (1987). *Statistical Design for Research*. John Wiley, New York.
- Kitagawa, T. and Mitome, M. (1955). *Tables for the Design of Factorial Experiments*. Dover, New York. (TB)
- Kleinbaum, D.G., Kupper, L.L. and Muller, K.E. (1988). *Applied Regression Analysis and Other Multivariate Methods*. Second Edition. PWS-Kent, Boston. (First Edition, 1978 with D.G. Kleinbaum and L.L. Kupper by Duxbury Press, Mass.) (TA)
- Klepikov, N.P. and Sokolov, S.N. (1962). *Analysis and Planning of Experiments by the Method of Maximum Likelihood*. Pergamon Press, New York. (TA)
- Kraitchik, M. (1953). *Mathematical Recreations*. Dover, New York (Reprinted). (First Printing, 1942 by Norton, New York). (CM:TA)
- Kramer, E.S. and Magliveras, S.S. (editors) (1990). *Finite Geometries and Combinatorial Designs*. Contemporary Math. Vol. 111, A.M.S. (CM)
- Krishnaiah, P.R. (editor) (1978). *Developments in Statistics, Vol. I*. Academic Press, New York. (TA)
- Krishnaiah, P.R. (editor) (1988). *Analysis of Variance*. Second Printing. Handbook of Statistics 1, North-Holland, Amsterdam. (First Pub., 1980). (TA)
- Krishnamurthy, V. (1986). *Combinatorics: Theory and Applications*. John Wiley, New York. (CM)
- Krumbein, W.C. and Graybill, F.A. (1965). *An Introduction to Statistical Models in Geology*. McGraw-Hill, New York. (TA)
- Kurtz, A.K. and Edgerton, H.A. (1939). *Statistical Dictionary of Terms and Symbols*. John Wiley, New York.
- Lacey, O.L. (1964). *Statistical Methods in Experimentation. An Introduction*. Sixth Printing. Macmillan, New York. (First Edition, 1953). (TA)
- Lander, E.S. (1983). *Symmetric Designs: An Algebraic Approach*. London Mathematical Society Lecture Note Series 74, Cambridge Univ. Press. (CM)
- LeClerg, E.L., Leonard, W.H. and Clark, A.G. (1962). *Field Plot Technique*. Second Edition. Burgess Pub., Minneapolis, Minnesota, USA. (First Edition, 1939 by Leonard, W.H. and Clark, A.G.). (TA)
- Ledermann, W. and Lloyd, E. (1984). *Handbook of Applicable Mathematics, Vol. 6 Statistics, pt. A*. John Wiley, New York. (TA)

- Ledermann, W. and Vajda, S. (editors) (1981). *Combinatorics and Geometry. Handbook of Applicable Mathematics, Vol. 5. Parts A and B.* John Wiley, New York. (CM)
- Lee, E.T. (1980). *Statistical Methods for Survival Data Analysis.* Lifetime Learning, Belmont, California. (TA)
- Lee, W. (1975). *Experimental Design and Analysis.* Freeman, Cooper and Co. (TA)
- Lentner, M. and Bishop, T. (1986). *Experimental Design and Analysis.* Valley Book Co., Blacksburg, VA.
- Levi, F.W. (1942). *Finite Geometrical Systems.* Univ. of Calcutta. (CM)
- Lewis, D.G. (1968). *Experimental Design in Education.* Univ. of London Press. (TA)
- Li, C.C. (1964). *Introduction to Experimental Statistics.* McGraw-Hill, New York. (TA:CM)
- Linder, A. (1953). *Planen und Auswerten von Versuchen – Eine Einführung für Naturwissenschaftler, Mediziner und Ingenieure.* Verlag Birkhäuser Basel/Stuttgart. (TA)
- Lindman, H.R. (1974). *Analysis of Variance in Complex Experimental Designs.* W.H. Freeman, San Francisco. (TA)
- Lindman, H.E. (1992). *Analysis of Variance in Experimental Design.* Statistics series, Springer-Verlag, New York. (TA)
- Lindner, C.C. and Evans, T. (1977). *Finite Embedding Theorems for Partial Designs and Algebras.* Seminaire de Math. No. 56, Montreal Univ. Press. (CM)
- Lindner, C.C. and Rosa, A. (editors) (1980). *Topics on Steiner Systems.* North-Holland, Amsterdam. (CM)
- Lindquist, E.F. (1940). *Statistical Analysis in Educational Research.* Houghton Mifflin Co., Boston, Mass. (TA)
- Lindquist, E.F. (1956). *Design and Analysis of Experiments in Psychology and Education.* Houghton Mifflin Co., Boston, Mass. (First Printing, 1953).
- Linhart, H. and Zucchini, W. (1986). *Model Selection.* John Wiley, New York. (TA)
- Lipson, C. and Sheth, N.J. (1972). *Statistical Design and Analysis of Engineering Experiments,* McGraw-Hill, New York. (TA)
- Little, C.H.C. (editor) (1977). *Combinatorial Mathematics V. Lecture Notes in Mathematics 622,* Springer-Verlag, New York. (CM)
- Little, R.E. and Jebe, E.H. (1975). *Statistical Design of Fatigue Experiments.* Applied Science Publishers, London; Halsted Press. (TA)
- Little, T.M. and Hills, F.J. (1978). *Agricultural Experimentation: Design and Analysis.* John Wiley, New York. (TA)
- Liu, C.L. (1968). *Introduction to Combinatorial Mathematics.* McGraw-Hill, New York. (CM)
- Lloyd, E. (editor) (1981). *Statistics. Handbook of Applicable Mathematics, Vol. 6,* John Wiley, New York. (TA)
- Logothetis, N. and Wynn, H.P. (1989). *Quality Through Design. Experimental Design, Off-Line Quality Control, and Taguchi's Contributions.* Oxford Univ. Press. (TA)

- Longo, G., Marchi, M. and Sgarro, A. (editors) (1990). *Geometries, Codes and Cryptography*. Springer-Verlag, New York. (CM)
- Love, H.H. (1936). *Application of Statistical Methods to Agricultural Research*. Commercial Press, Shanghai. (TA)
- Love, H.H. (1943). *Experimental Methods in Agricultural Research*. Univ. Puerto Rico, Agri. Expt. Stat. (TA)
- Lüneburg, H. (1971). *Kombinatorik*. Birkhäuser Verlag Basel. (CM)
- Lüneburg, H. (1980). *Translation Planes*. Springer-Verlag, New York. (CM)
- Mabert, V.A. (1974). *Evaluating Scheduling Decision Rules Using a Fractional Factorial Design*. Institute for Research in the Behavioral, Economic, and Management Sciences, Purdue Univ., West Lafayette, Ind. (TA)
- MacMahon, P.A. (1960). *Combinatory Analysis*. Chelsea, New York. (Originally published in two volumes (1915, 1961) by Cambridge Univ. Press). (CM)
- MacWilliams, F.J. and Sloane, N.J.A. (1985). *The Theory of Error-Correcting Codes*. Third Printing. North-Holland, Amsterdam. (First Printing, 1978). (CM)
- Mager, P.P. (1991). *Design Statistics in Pharmacochimistry*. Chemometrics Ser., No. 16, Research Studies Pr., GBR.
- Mallows, C.L. (editor) (1987). *Design, Data and Analysis, By some friends of Cuthbert Daniel*. John Wiley, New York.
- Mandel, J. (1964). *Statistical Analysis of Experimental Data*. John Wiley, New York. (TA)
- Mann, H.B. (1984). *Analysis and Design of Experiments*. Reprinted. Dover, New York. (First Edition, 1949) (TA)
- Marriott, F.H.C. (editor) (1990). *Dictionary of Statistical Terms*. Longman Scientific & Technical, GBR. (First Edition, 1957 edited by M.G. Kendall & W.R. Buckland in Oliver & Boyd).
- Mason, R.L., Gunst, R.F. and Hess, J.L. (1989). *Statistical Design and Analysis of Experiments; With Applications to Engineering and Science*. John Wiley, New York.
- Mather, K. (1973). *Statistical Analysis in Biology*. Reprinted. Chapman and Hall and Science Paperbacks. (First Edition, 1943). (TA)
- Matusita, K. (editor) (1980). *Recent Developments in Statistical Inference and Data Analysis*. North-Holland, Amsterdam. (TA:CM)
- Maxwell, A.E. (1958). *Experimental Design in Psychology and the Medical Sciences*. Methuen and Co. Ltd., London. (TA)
- Maxwell, A.E. (1978). *Basic Statistics: For Medical and Social Science Students*. Second Edition. Chapman and Hall, London. (First Edition, 1972 by Penguin Books Ltd.). (TA)
- Maxwell, A.E. (1978). *Multivariate Analysis in Behavioural Research*. Reprinted. Chapman and Hall, London. (First Published, 1977). (TA)
- Maxwell, S.E. and Delaney, H.D. (1990). *Designing Experiments and Analyzing Data: A Model Comparison Perspective*. Wadsworth Pub., Belmont, Calif. (TA)
- McAvaney, K.L. (1981). *Combinatorial Mathematics VIII. Lecture Notes in Mathematics 884*, Springer-Verlag, New York. (CM)

- McCall, W.A. (1923). How to experiment in Education. Macmillan, New York. (TA)
- McClave, J.T. and Dietrich, F.H. (1981). Statistics. John Wiley, New York. (TA)
- McCuen, R.H. (1985). Statistical Methods for Engineers. Englewood Cliffs, New Jersey: Prentice-Hall. (TA)
- McCulloch, C.E. (editor) (1986). Statistical Design: Theory and Practice; Proceedings of a conference in honor of W.T. Federer. Sterling-Winthrop Research Institute, Cornell Univ.
- McDonough, T.P. and Mavron, V.C. (editors) (1974). Combinatorics. London Mathematical Society Lecture Note Series 13, Cambridge Univ. Press. (CM)
- McLean, R.A. and Anderson, V.L. (1984). Applied Factorial and Fractional Designs. Statistics Vol. 55, Marcel Dekker, New York. (TA)
- Mead, R. (1988). The Design of Experiments. Statistical Principles for Practical Applications. Cambridge Univ. Press. {Paperback edition, 1990} (TA)
- Mead, R. and Curnow, R.N. (1983). Statistical Methods in Agriculture and Experimental Biology. Chapman and Hall, London. (TA)
- Mendelsohn, E. (editor) (1982). Algebraic and Geometric Combinatorics. North-Holland Mathematics Studies 65 (Annals of Discrete Math. 15). North-Holland, Amsterdam. (CM)
- Mendenhall, W. (1968). Introduction to Linear Models and the Design and Analysis of Experiments. Wadsworth Pub., Belmont, California (TA)
- Miller, R.G. (1986). Beyond Anova, Basics of Applied Statistics. John Wiley, New York. (TA)
- Miller, R.G., Efron, B., Brown, B.W. and Moses, L.E. (editors) (1980). Biostatistics Casebook. John Wiley, New York. (TA)
- Miller, S. (1984). Experimental Design and Statistics. Second Edition. Methuen, London. (First Edition, 1975). (TA)
- Milliken, G.A. and Johnson, D.E. (1984). Analysis of Messy Data. Volume 1: Designed Experiments. Belmont, California: Lifetime Learning. (TA)
- Milliken, G.A. and Johnson, D.E. (1989). Analysis of Messy Data. Volume 2: Nonreplicated Experiments. Van Nostrand Reinhold. (TA)
- Milton, J.S. and Tsokos, J.O. (1983). Statistical Methods in the Biological and Health Sciences. McGraw-Hill, New York. (TA)
- Mitchell, T.J. and John, J.A. (1976). Optimal Incomplete Block Designs. ORNL/CSD-8, Nat. Tech. Inform. Ser., US Dept. Commerce, Springfield, Va. (TA)
- Montgomery, D.C. (1991). Design and Analysis of Experiments. Third Edition. John Wiley, New York. (First Published, 1976) (TA)
- Montgomery, E.G. (1918). Experiments in Wheat Breeding. U.S. Department of Agriculture, Bureau of Plant Industry Bulletin No. 269. (TA)
- Moore, D.S. (1979). Statistics: Concepts and Controversies. W.H. Freeman, San Francisco. (TA)
- Morrison, D.F. (1976). Multivariate Statistical Methods. Second Edition. McGraw-Hill, New York. (First Edition, 1967). (TA)

- Morrison, D.F. (1983). *Applied Linear Statistical Methods*. Englewood Cliffs, New Jersey: Prentice-Hall. (TA)
- Mosteller, F., Fienberg, S.E. and Rourke, R.E.K. (1983). *Beginning Statistics with Data Analysis*. Addison-Wesley, Reading, Mass. (TA)
- Mullin, R.C., Reid, K.B. and Roselle, D.P. (editors) (1970). *Congressus Numerantium I: Proceedings of the Louisiana Conference on Combinatorics, Graph Theory and Computing*. Utilitas Mathematica, Winnipeg, Canada. (CM)
- Mullin, R.C., Reid, K.B., Roselle, D.P. and Thomas, R.S.D. (editors) (1971). *Congressus Numerantium III: Proceedings of the Second Louisiana Conference on Combinatorics, Graph Theory and Computing*. Utilitas Mathematica, Winnipeg, Canada. (CM)
- Myers, J.L. (1979). *Fundamentals of Experimental Design*. Third Edition. Bacon, Boston, Mass. (First Printing, 1966). (TA)
- Myers, R.H. (1971). *Response Surface Methodology*. Allyn and Bacon, Boston, Mass. (TA)
- Namboodiri, N.K., Carter, L.F. and Blalock, H.M., Jr. (1975). *Applied Multivariate Analysis and Experimental Designs*. McGraw-Hill, New York. (TA)
- Nash-Williams, C.St.J.A. and Sheehan, J. (editors) (1976). *Congressus Numerantium XV: Proceedings of the Fifth British Combinatorial Conference*. Utilitas Mathematica, Winnipeg, Canada (CM)
- National Bureau of Standards (1957). *Fractional Factorial Experiment Designs for Factors at Two Levels*. National Bureau of Standards Applied Mathematics Series 48. Washington, D.C. (TB)
- Natrella, M.G. (1984). *Experimental Statistics*. John Wiley, New York. Originally, National Bureau of Standards Handbook 91, U.S. Department of Commerce, National Bureau of Standards. (Selected Government Publications, A Wiley Reprint Series in 1966). (TA)
- Naylor, T.H. (editor) (1969). *The Design of Computer Simulation Experiments*. Duke Univ. Press, Durham, N.C. (TA)
- Neter, J., Wasserman, W. and Kutner, M.H. (1990). *Applied Linear Statistical Models. Regression, Analysis of Variance, and Experimental Designs*. Third Edition. Irwin, Homewood, IL. (Second Edition, 1985). (TA)
- Netto, E. (1958). *Lehrbuch der Combinatorik*. Zweite Auflage, erweitert und mit anmerkungen versehen von Viggo Brun und Th. Skolem. Reprinted. Chelsea Pub., New York. (First Edition, 1901). (CM)
- Nigam, A.K. and Gupta, V.K. (editors) (1979). *Handbook on Analysis of Agricultural Experiments*. I.A.S.R.I., Library Avenue, New Delhi, India. (TA)
- Nigam, A.K., Puri, P.D. and Gupta, V.K. (1988). *Characterizations and Analysis of Block Designs*. John Wiley Eastern, New Delhi. (CM)
- Odeh, R.E. and Fox, M. (1991). *Sample Size Choice: Charts for Experiments with Linear Models*. Second Edition. Marcel Dekker, New York. (First Edition, 1975). (TA)

- Ogawa, J. (1974). *Statistical Theory of the Analysis of Experimental Designs*. Marcel Dekker, New York. (TA)
- Ottestad, P. (1970). *Statistical Models and Their Experimental Application*. Griffin's Statistical Monographs and Courses 25, Charles Griffin, London. (TA)
- Owen, D.B. (editor) (1976). *On the History of Statistics and Probability*. Marcel Dekker, New York. (TA)
- Paik, U.B. (1960). *Field Experiment and Statistical Methods*. New Agricultural Techniques. H.M. Publishing Co., Seoul, Korea. (TA)
- Panse, V.G. and Sukhatme, P.V. (1954). *Statistical Methods for Agricultural Workers*. Indian Council Agric., New Delhi. (TA)
- Papalambros, P.Y. and Wilde, D.J. (1988). *Principles of Optimal Design*. Cambridge Univ. Press. (TA)
- Paterson, D.D. (1939). *Statistical Technique in Agricultural Research*. McGraw-Hill, New York. (TA)
- Patterson, H.D. and Lucas, H.L. (1962). *Change-Over Designs*. North Carolina Agricultural Experiment Station and United States Department of Agriculture, Tech. Bull. No. 147. (TB)
- Pazman, A. (1986). *Foundations of Optimum Experimental Design*. Math. & Its Appl. East European Series. Reidel. (TA)
- Pearce, S.C. (1976). *Field Experimentation with Fruit Trees and Other Perennial Plants*. Second Edition. Farnham House, Slough, Berkshire, U.K.: Commonwealth Agricultural Bureau. (TA)
- Pearce, S.C. (1983). *The Agricultural Field Experiments – A Statistical Examination of Theory and Practice*. John Wiley, New York. (TA)
- Pearce, S.C., Clarke, G.M., Dyke, G.V. and Kemspon, R.E. (1988). *A Manual of Crop Experimentation*. Griffin, London. (TA)
- Pearson, K. (1911). *The Grammar of Science*. Third Edition. A. and C. Black, London.
- Peng, K.C. (1967). *The Design and Analysis of Scientific Experiments*. Addison-Wesley, Reading, Mass. (TA)
- Petersen, R.G. (1985). *Design and Analysis of Experiments*. Statistics: Textbooks and Monographs Vol. 66. Marcel Dekker, New York. (TA)
- Pilz, J. (1983). *Bayesian Estimation and Experimental Design in Linear Regression Models*. Teubner-Texte zur Math., B. 55. BG Teubner. (1990 version will be published by Wiley). (TA)
- Pless, V. (1989). *Introduction to the Theory of Error-Correcting Codes*. Second Edition. John Wiley, New York. (First Edition, 1982). (CM)
- Quenouille, M.H. (1953). *The Design and Analysis of Experiment*. Charles Griffin, London and Hafner, New York. (CM)
- Raghavarao, D. (1988). *Constructions and Combinatorial Problems in Design of Experiments*. First Edition. Dover, New York. (First Pub., 1971 by John Wiley, New York). (CM)

- Raktoe, B.L., Hedayat, A. and Federer, W.T. (1989). Factorial Designs. Reprint. John Wiley, New York. (First Printing, 1981). (TA)
- Rao, C.R. (editor) (1963). Contributions to Statistics. Pergamon Press, Statistical Publishing Society, Calcutta. (CM)
- Rao, C.R. (1965). Linear Statistical Inference and Its Applications. John Wiley, New York. (TA)
- Rao, C.R. (1970). Advanced Statistical Methods in Biometric Research. Reprint with corrections. Hafner, New York. (First Edition, 1952). (TA)
- Rao, C.R. (1989). Linear Statistical Inference and Its Applications. Second Edition Reprint. John Wiley Eastern, New Delhi. (First Edition, 1965 by John Wiley, New York). (TA)
- Rao, P.S.R. and Sedransk, J. (editors) (1984). W.G. Cochran's Impact on Statistics. John Wiley, New York.
- Rao, S.B. (editor) (1981). Combinatorics and Graph Theory. Lecture Notes in Mathematics 885. Springer-Verlag, New York. (CM)
- Rasch, D. and Herrendörfer, G. (1986). Experimental Design. Sample Size Determination and Block Designs. Reidel, Dordrecht, Netherlands. (Kluwer Academic). (TA:CM)
- Ray, W.S. (1960). An Introduction to Experimental Design. Macmillan, New York. (TA)
- Ray-Chaudhuri, D.K. (editor) (1978). Relations between Combinatorics and Other Parts of Mathematics. American Mathematical Society, Providence, Rhode Island. (CM)
- Ray-Chaudhuri, D.K. (editor) (1990). Coding Theory and Design Theory Part I: Coding Theory. The IMA Volumes in Math. and its Applications 20, Springer-Verlag, New York. (CM)
- Ray-Chaudhuri, D.K. (editor) (1990). Coding Theory and Design Theory Part II: Design Theory. The IMA Volumes in Math. and its Applications 21, Springer-Verlag, New York. (CM)
- Ricker, W.E. (1948). Methods of Estimating Vital Statistics of Fish Populations. Indiana Univ. Pub. Sci. Ser. No. 15. (TA)
- Rickmers, A.D. and Todd, H.N. (1967). Statistics. McGraw-Hill, New York.
- Robertson, A. (editor) (1980). Selection Experiments in Laboratory and Domestic Animals. Commonwealth Agricultural Bureaux, Slough, England. (TA)
- Robinson, E.A. (1985). Probability Theory and Applications. D. Reidel. (TA)
- Robinson, H.F. and Watson, G.S. (1949). An Analysis of Simple and Triple Rectangular Lattice Designs. Tech. Bul. No. 88, North Carolina Agricultural Experiment Station. (TA)
- Robinson, R.W., Southern, G.W. and Wallis, W.D. (editors) (1980). Combinatorial Mathematics VII. Lecture Notes in Mathematics 829. Springer-Verlag, New York. (CM)
- Robson, C. (1973). Experimental Design and Statistics in Psychology. Penguin Books, Harmondsworth, England.
- Rosa, A., Sabidussi, G. and Turgeon, J. (editors) (1982). Theory and Practice of Combinatorics. North-Holland Mathematics Studies 60 (Annals of Discrete Math. 12), North-Holland, Amsterdam. (CM)

- Rosenthal, R.L. (1976). *Experimenter Effects in Behavioral Research*. Irvington, New York. (TA)
- Ross, P.J. (1988). *Taguchi Techniques for Quality Engineering: Loss Function, Orthogonal Experiments, Parameter and Tolerance Design*. McGraw-Hill, New York. (TA)
- Ross, S.M. (1987). *Introduction to Probability and Statistics for Engineers and Scientists*. John Wiley, New York. (TA)
- Rossi, P.H. and Nock, S.L. (editors) (1982). *Measuring Social Judgments*, Sage, Beverly Hills. (TA)
- Rota, G. (editor) (1978). *Studies in Foundations and Combinatorics*. Academic Press, New York. (CM)
- Roy, S.N., Granadesikan, R. and Srivastava, J.N. (1971). *Analysis and Design of Certain Quantitative Multivariate Experiments*. Pergamon Press, New York. (TA)
- Russell, E.J., Voelcker, J.A. and Cochran, W.G. (1936). *Fifty Years of Field Experiments at the Woburn Experimental Station with a Statistical Report*. Longmans, Green and Co., London. (TA)
- Rustagi, J.S. (editor) (1979). *Optimizing Methods in Statistics*. Academic Press, New York. (TA)
- Ryser, H.J. (1963). *Combinatorial Mathematics*. Carus Mathematical Monographs No. 14, John Wiley, New York. (CM)
- Sachs, L. (1981). *Applied Statistics: Statistical Methods and Their Applications: A Handbook of Techniques*. Translated from the German by Z. Reynarowych. Springer-Verlag, New York. (TA)
- Salmon, S.C. and Hanson, A.A. (1964). *The Principles and Practice of Agricultural Research*. Leonard Hill, London. (TA)
- Santner, T.J. and Tamhane, A.C. (editors) (1984). *Design of Experiments: Ranking and Selection; Essays in honor of R.E. Bechhofer*, Marcel Dekker, New York. (TA)
- Scheffé, H. (1959). *The Analysis of Variance*. John Wiley, New York. (TA)
- Schlesselman, J.J. (1982). *Case-Control Studies: Design, Conduct, Analysis*. (with contributions by P.D. Stolley). Oxford Univ. Press. (TA)
- Schrijver, A. (editor) (1979). *Packing and Covering in Combinatorics*. Mathematisch Centrum, Amsterdam. (CM)
- Searle, S.R. (1966). *Matrix Algebra for the Biological Sciences (Including Applications in Statistics)*. John Wiley, New York. (CM:TA)
- Searle, S.R. (1971). *Linear Models*. John Wiley, New York. (TA)
- Searle, S.R. (1987). *Linear Models for Unbalance Data*. John Wiley, New York. (TA)
- Seber, G.A.F. (1977). *Linear Regression Analysis*. John Wiley, New York. (TA)
- Seber, G.A.F. (1980). *The Linear Hypothesis: A General Theory*. Second Edition. Griffin's Statistical Monographs and Courses 19, Charles Griffin, London. (First Edition, 1966) (TA)

- Seeger, P. (1966). *Variance Analysis of Complete Designs. Some Practical Aspects.* Uppsala, Almqvist and Wiksell, Stockholm. (TA)
- Segre, B. (1961). *Lectures on Modern Geometry.* Roma, Edizioni Cremonese. (Consiglio Nazionale Delle Ricerche Monografie Matematiche, No. 7). (CM)
- Sen, P.K. (editor) (1983). *Contributions to Statistics. Essays in honor of Professor N.L. Johnson.* North-Holland, Amsterdam.
- Shah, K.R. and Sinha, B.K. (1989). *Theory of Optimal Designs. Lecture Notes in Statistics 54,* Springer-Verlag, New York. (TA)
- Shaw, F.J.F. (1936). *A Handbook of Statistics for Use in Plant Breeding and Agricultural Problems.* Imperial Council of Agricultural Research, Delhi.
- Sheskin, D. (1984). *Statistical Tests and Experimental Design: A Guidebook.* Gardner Press, New York. (TA)
- Shrikhande, S.S. (1961). *Combinatorial Problems. Lecture Notes of Research and Training School, Indian Statistical Institute, Calcutta.* (CM)
- Sidowski, J.B. (editor) (1966). *Experimental Methods and Instrumentation in Psychology.* McGraw-Hill, New York. (TA)
- Silvey, S.D. (1980). *Optimal Design: An Introduction to the Theory for Parameter Estimation.* Chapman and Hall, London. (TA)
- Snedecor, G.W. (1934). *Calculation and Interpretation of Analysis of Variance and Covariance.* Collegiate Press, Ames, Iowa. (TA)
- Snedecor, G.W. and Cochran, W.G. (1989). *Statistical Methods. Eighth Edition.* Iowa State Univ. Press, Ames, Iowa. (First Edition, 1937). (TA)
- Sokal, R.R. and Rohlf, F.J. (1969). *Biometry: The Principles and Practice of Statistics in Biological Research.* W.H. Freeman, San Francisco. (TA)
- Sokal, R.R. and Rohlf, F.J. (1973). *Introduction to Biostatistics.* W.H. Freeman, San Francisco. (TA)
- Spiegel, M. (1975). *Schaum's Outline of Probability and Statistics.* McGraw-Hill, New York.
- Srivastava, J.N. (editor) (1973). *A Survey of Combinatorial Theory.* North-Holland/American Elsevier, Amsterdam/New York. (CM)
- Srivastava, J.N. (editor) (1975). *A Survey of Statistical Design and Linear Models.* North-Holland/American Elsevier, Amsterdam/New York. (TA:CM)
- Srivastava, J.N. (editor) (1980). *Combinatorial Mathematics, Optimal Designs and Their Applications,* North-Holland, Amsterdam. (TA:CM)
- Srivastava, M.S. and Carter, E.M. (1983). *An Introduction to Applied Multivariate Statistics.* North-Holland, Amsterdam. (TA)
- Stanley, J. (editor) (1967). *Improving Experimental Design and Statistical Analysis.* Rand McNally, Chicago. (TA)
- Stanley, J.C. and Wiley, D.E. (1962). *Development and Analysis of Experimental Designs for Ratings. Final Report of Project No. 789 to the Cooperative Research Branch of the U.S. Office of Education.* (TA)
- Stanton, D. and White, D. (1986). *Constructive Combinatorics.* Springer-Verlag, New York. (CM)

- Steel, R.G.D. and Torrie, J.H. (1980). Principles and Procedures of Statistics: A Biometrical Approach. Second Edition. McGraw-Hill, New York. (First Edition, 1960). (TA)
- Stoodley, K.D.C., Lewis, T. and Stainton, C.L.S. (1980). Applied Statistical Techniques. Ellis Horwood, John Wiley, New York. (TA)
- Storer, T. (1967). Cyclotomy and Difference Sets. Markham Pub., Chicago. (CM)
- Strasser, H. (1985). Mathematical Theory of Statistics: Statistical Experiments and Asymptotic Decision Theory. Studies in Math. 7, Gruyter, Berlin, New York.
- Street, A.P. and Street, D.J. (1987). Combinatorics of Experimental Design. Oxford Univ. Press, New York. (CM)
- Street, A.P. and Wallis, W.D. (editors) (1975). Combinatorial Mathematics III. Lecture Notes in Mathematics 452. Springer-Verlag, New York. (CM)
- Street, A.P. and Wallis, W.D. (1977). Combinatorial Theory: An Introduction. Charles Babbage Research Centre, Manitoba, Canada. (CM)
- Surwillo, W.W. (1980). Experimental Design in Psychiatry: Research Methods for Clinical Practice. Grune and Strotton, New York. (TA)
- Tabachnick, B.G. and Fidell, L.S. (1983). Using Multivariate Statistics. Harper and Row, New York.
- Taguchi, G. (1962). Tables for Design of Experiments. (Japanese). Maruzen, Tokyo, Japan. (TB)
- Taguchi, G. and Konishi, S. (1987). Orthogonal Arrays and Linear Graphs: Tool for Quality Engineering. Dearborn Mich., American Supplier Institute. (TA)
- Takeuchi, K., Yanai, H. and Mukherjee, B.N. (1982). The Foundations of Multivariate Analysis: A Unified Approach by means of Projection onto Linear Subspaces. John Wiley Eastern, New Delhi, (TA)
- Temperley, H.N.V. (editor) (1981). Combinatorics: Proceedings of the Eighth British Combinatorial Conference. London Mathematical Society Lecture Note Series 52, Cambridge Univ. Press. (CM)
- Thomas, R.S.D. and Williams, H.C. (editors) (1971). Proceedings of the Manitoba Conference on Numerical Mathematics. Utilitas Mathematica, Winnipeg, Canada. (CM)
- Thomas, R.S.D. and Williams, H.C. (editors) (1973). Congressus Numerantium VII: Proceedings of the Second Manitoba Conference on Numerical Mathematics. Utilitas Mathematica, Winnipeg, Canada. (CM)
- Thomas, R.S.D. and Williams, H.C. (editors) (1974). Congressus Numerantium IX: Proceedings of the Third Manitoba Conference on Numerical Mathematics. Utilitas Mathematica, Winnipeg, Canada. (CM)
- Thompson, J.R., Brown, K.J. and Elliott, R.D. (1975). Santa Barbara Convective Band Seeding Test Program. Final Report. Naval Weapons Center, China Lake, California. (TA)
- Timm, N.H. (1975). Multivariate Analysis with Applications in Education and Psychology. Brooks/Cole, Belmont, California. (TA)

- Tippett, L.H.C. (1931). *The Methods of Statistics: An Introduction Mainly for Workers in the Biological Sciences*. Williams and Norgate, London. (TA)
- Tippett, L.H.C. (1934). *Applications of Statistical Methods to the Control of Quality in Industrial Production*. Manchester Statistical Society. (TA)
- Tippett, L.H.C. (1937). *The Methods of Statistics. An Introduction Mainly for Experimentalists*. Second Edition. Williams and Norgate, London. (First Edition, 1931). (TA)
- Tonchev, V.D. (1988). *Combinatorial Configurations*. Pitman Monographs and Surveys in Pure and Applied Math. 40, Longman. (CM)
- Torgersen, E. (1991). Comparison of Statistical Experiments. (*Encyclopedia of Mathematics and its Applications*, 36). Cambridge Univ. Press, GBR. (TA)
- Triola, M.F. (1983). *Elementary Statistics*. Second Edition. Addison-Wesley.
- Tucker, A. (1984). *Applied Combinatorics*. Second Edition. John Wiley, New York. (CM)
- Tutte, W.T. (editor) (1969). *Recent Progress in Combinatorics*. Academic Press, New York. (CM)
- Ullman, N.R. (1978). *Elementary Statistics: An Applied Approach*. John Wiley, New York. (TA)
- Upperman, P.M. (1974). *Statistische Methoden en Proefopzetten*. Universitaire Pers Rotterdam, Rotterdam.
- U.S. Army Research Office (Durham, N.C.) (1974). *Proceedings of the Nineteenth Conference on the Design of Experiments*. (TA:CM)
- U.S. Army Research Office (Durham, N.C.) (1975). *Proceedings of the Twentieth Conference on the Design of Experiments. Parts I and II*. (TA:CM)
- U.S. Army Research Office (P.O. Box 12211, Research Triangle Park, N.C.) (1981). *Proceedings of the Twenty-Sixth Conference on the Design of Experiments*. (TA:CM)
- U.S. Army Research Office (1981). *Proceedings of the Twenty-Seventh Conference on the Design of Experiments*. P.O. Box 12211, Research Triangle Park, NC. (TA:CM)
- U.S. Army Research Office (1982). *Proceedings of the Twenty-Eighth Conference on the Design of Experiments*. P.O. Box 12211, Research Triangle Park, NC. Papers from an October 1982 Conference in Monterey, California. (TA:CM)
- U.S. Army Research Office (1983). *Proceedings of the Twenty-Ninth Conference on the Design of Experiments*. P.O. Box 12211, Research Triangle Park, NC. (TA:CM)
- Vajda, S. (1967). *Patterns and Configurations in Finite Spaces*. Griffin's Statistical Monographs and Courses 22, Charles Griffin, London. (CM)
- Vajda, S. (1967). *The Mathematics of Experimental Design: Incomplete Block Designs and Latin Squares*. Griffin's Statistical Monographs and Courses 23, Charles Griffin, London. (CM)
- van Berkum, E.E.M. (1987). *Optimal Paired Comparison Designs for Factorial Experiments*. Centre for Mathematics and Computer Science, Amsterdam. (TA)

- van Lint, J.H. (1974). Combinatorial Theory Seminar Eindhoven University of Technology. Lecture Notes in Mathematics 382, Springer-Verlag, New York. (CM)
- van Lint, J.H. (1992). Introduction to Coding Theory. Second Edition. Springer-Verlag, New York. (First Edition, 1982). (CM)
- van Uven, M.J. (1946). Mathematical Treatment of the Results of Agricultural and Other Experiments. Second Edition. P. Noordhoff N.V., Groningen and Batavia. (First Edition, 1935). (TA)
- Velleman, P.F. (1989). Learning Data Analysis with Data Desk. Freeman, New York. (TA)
- Vijayan, K.S. and Singhi, N.M. (editors) (1984). Combinatorics and Applications: Proceedings of the seminar on Combinatorics and Applications in honor of S.S. Shrikhande. Statistical Pub., Society, Calcutta. (CM)
- Villars, D.S. (1951). Statistical Design and Analysis of Experiments for Development Research. Wm. C. Brown Co., Dubuque, Iowa. (TA)
- Wald, A. (1947). Sequential Analysis. John Wiley, New York. (TA)
- Wallis, W.D. (1988). Combinatorial Designs. Pure and Applied Math. 118, Marcel Dekker, New York. (CM)
- Wallis, W.D., Shen, H., Wei, W. and Zhu, L. (editors) (1990). Combinatorial Designs and Applications. Lecture Notes in Pure and Applied Math. Volume 126, Marcel Dekker, New York. (CM)
- Wallis, J. and Wallis, W.D. (editors) (1972). Proceedings of the First Australian Conference on Combinatorial Mathematics. Univ. of Newcastle Research Associates Limited, Australia. (CM)
- Wallis, W.D., Street, A.P. and Wallis, J.S. (1972). Combinatorics: Room Squares, Sum-Free Sets, Hadamard Matrices. Lecture Notes in Mathematics 292, Springer-Verlag, New York. (CM)
- Weaver, J.E. and Clements, F.E. (1929). Plant Ecology. McGraw-Hill, New York. (TA)
- Webb, S. (1965). Design, Testing and Estimation in Complex Experimentation, Vol. I. Office of Aerospace Research, ARL 65-116, Part I, June. (TA)
- Webb, S. and Galley, S.W. (1965). A Computer Routine for Evaluating Incomplete Factorial Designs. Office of Aerospace Research, ARL 65-116, Part IV, June. (TA)
- Wegman, E.J. and DePriest, D.J. (editors) (1980). Statistical Analysis of Weather Modification Experiments. Lecture Notes in Statistics 3, Marcel Dekker, New York. (TA)
- Weiss, N.A. and Hassett, M.J. (1982). Introductory Statistics. Addison-Wesley. (TA)
- Weixuan, L. (1984). Optimal Sequential Block Search. Heldermann, Berlin.
- Weld, L.D. (1916). Theory of Errors and Least Squares; a textbook for college students and research workers. Macmillan, New York. (TA)
- Weldon, R.J. and Humphrey, A.B. (1972). ANOVA 45 – A Flexible Computer Program for the Analysis of Variance. Instructions for Use. Univ. of Arizona Press, Tucson, Arizona. (TA)

- Welsh, D.J.A. (editor) (1971). *Combinatorial Mathematics and Its Applications*. Academic Press, New York. (CM)
- Welsh, D.J.A. (1976). *Matroid Theory*. Academic Press, London. (CM)
- Wesolowsky, G.O. (1976). *Multiple Regression and Analysis of Variance*. John Wiley, New York. (TA)
- West, L.J. (1977). *Design and Conduct of Educational Surveys and Experiments*. Delta Pi Epsilon, St. Peter, MN.
- Wetherill, G.B. (1967). *Elementary Statistical Methods*. Chapman and Hall, London. (TA)
- Wetherill, G.B. (1975). *Sequential Methods in Statistics*. Second Edition. Chapman and Hall, London, "Halsted Press", USA. (First Edition, 1966). (TA)
- Wetherill, G.B. (1981). *Intermediate Statistical Methods*. Chapman and Hall, London. (TA)
- Wetherill, G.B. (1981). *Solutions to Exercises in Intermediate Statistical Methods*. Chapman and Hall, London. (TA)
- Whitehead, C. (editor) (1987). *Surveys in Combinatorics, 1987: Invited Papers for the Eleventh British Combinatorial Conference*. Cambridge Univ. Press, New York. (CM)
- Whitehead, E.G., Jr. (1973). *Constructive Combinatorics*. Courant Institute of Mathematical Sciences, New York. (CM)
- Whittle, P. (1971). *Optimization under Constraints*. John Wiley, New York. (TA)
- Wilcoxon, F. (1949). *Some Rapid Approximate Statistical Procedures*. Revised. American Cyanamid Co., Stamford, Connecticut. (First Edition, 1946). (TA)
- Wilde, D.J. (1978). *Globally Optimal Design*. John Wiley, New York. (TA)
- Wildt, A.R. and Vahtola, O. (1978). *Analysis of Covariance*. Univ. Papers: Quantitative Applications in the Social Sciences, No. 12, Sage. (TA)
- Willemain, T.R. (1980). *Statistical Methods for Planners*. MIT Press, Cambridge, Mass. (TA)
- Wilson, R.J. (editor) (1979). *Graph Theory and Combinatorics*. Pitman Advanced Publishing Program, London. (CM)
- Wilson, R.J. (editor) (1982). *Applications of Combinatorics*. Shiva, England. (CM)
- Wine, R.L. (1964). *Statistics for Scientists and Engineers*. Prentice Hall, Englewood Cliffs, N.J.
- Winer, B.J. (1971). *Statistical Principles in Experimental Design*. Second Edition. McGraw-Hill, New York. (First Edition, 1962). (TA)
- Winer, B.J., Brown, D.R. and Michels, K.M. (1989). *Statistical Principles in Experimental Design*. McGraw-Hill, New York.
- Wishart, J. (1940). *Field Trials: Their Lay-out and Statistical Analysis*, Imperial Bur. Plant Breeding Genetics, Cambridge. (TA)
- Wishart, J. (1950). *Field Trials II: The Analysis of Covariance*. Commonwealth Bureau of Plant Breeding and Genetics. School of Agriculture, Cambridge, England. (TA)

- Wishart, J. and Sanders, H.G. (1955). *Principles and Practice of Field Experimentation*. Second Edition. Commonwealth Bureau of Plant Breeding and Genetics, Cambridge. (First Edition, 1935). (TA)
- Wonnacott, R.J. and Wonnacott, T.H. (1990). *Introductory Statistics*. Fifth Edition. John Wiley, New York. (First Edition, 1969). (TA)
- Wonnacott, T.H. and Wonnacott, R.J. (1981). *Regression: A Second Course in Statistics*. John Wiley, New York. (TA)
- Wonnacott, T.H. and Wonnacott, R.J. (1981). *Statistics: Discovering its Power*, John Wiley, New York. (TA)
- Wonnacott, T.H. and Wonnacott, R.J. (1982). *Student Workbook to Accompany Statistics: Discovering its Power*. John Wiley, New York. (TA)
- Wortham, A.W. and Smith, T.E. (1959). *Practical Statistics in Experimental Design*. Charles E. Merrill Books, Ohio. (TA)
- Wright, G. and Fowler, C. (1986). *Investigative Design and Statistics*. Penguin, Harmondsworth, U.K. (TA)
- Yates, F. (1949). *Design of Rotation Experiments*. Commonwealth Bureau of Soil Science Tech. Comm. No. 46. (TA)
- Yates, F. (1949). *Sampling Methods for Censuses and Surveys*. Griffin, London. (TA)
- Yates, F. (1964). *The Design and Analysis of Factorial Experiments*. Reissued. Technical Communication No. 35 of the Commonwealth Bureau of Soils, Harpenden, England, (First Pub., 1937). (TA)
- Yates, F. (1970). *Experimental Design: Selected Papers of Frank Yates*. Charles Griffin, London. (TA)
- Youden, W.J. (1951). *Statistical Methods for Chemists*. John Wiley, New York. (TA)
- Youden, W.J. (1962). *Experimentation and Measurement*. Vistas of Science, National Science Teachers Association, Scholastic Book Series. (TA)
- Young, H.D. (1962). *Statistical Treatment of Experimental Data*. McGraw-Hill, New York. (TA)
- Zanakakis, S.H. and Rustagi, J.S. (editors) (1982). *Optimization in Statistics*. TIMS Studies in the Management Sciences 19. North-Holland, Amsterdam. (TA)
- Zarrop, M.B. (1979). *Optimal Experiment Design for Dynamic System Identification*. Lecture Notes in Control and Information Sciences 21, Springer-Verlag, New York. (TA)
- Ziegler, W.J. (editor) (1976). *Contributions to Applied Statistics*. Birkhäuser Verlag, Basel and Stuttgart.